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ANIMAUX FOSSILES

GÉOLOGIE DE L'ATTIQUE

ATLAS

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ANIMAUX FOSSILES

ET

GÉOLOGIE DE L'ATTIQUE

D'APRÈS

LES RECHERCHES FAITES EN 1855-56 ET EN 1860

SOUS LES AUSPICES DE L'ACADÉMIE DES SCIENCES

PAR

ALBERT GAUDRY

ATLAS

PARIS

F. SAVY, ÉDITEUR

LIBRAIRE DE LA SOCIÉTÉ GÉOLOGIQUE DE FRANCE

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1862-1867

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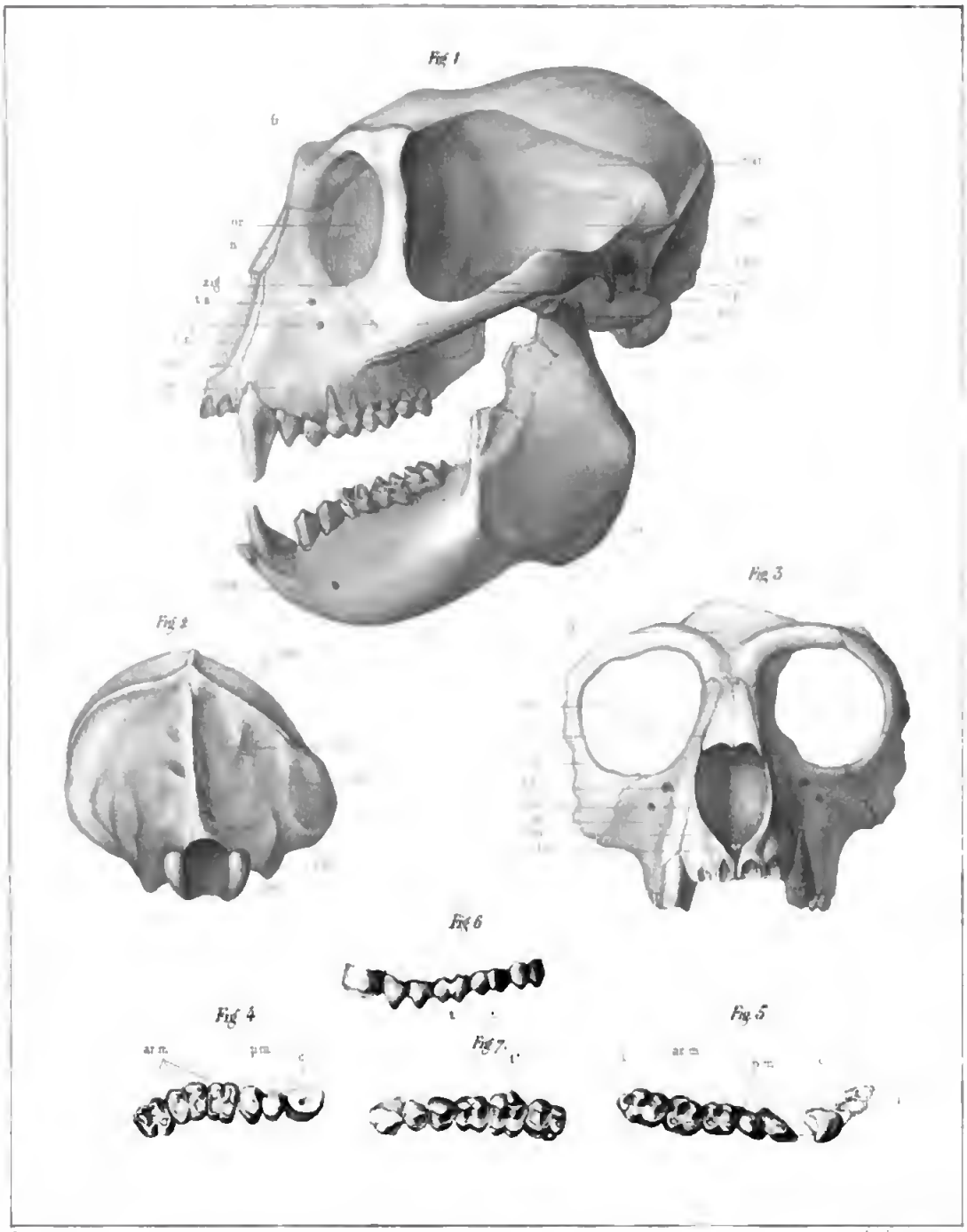
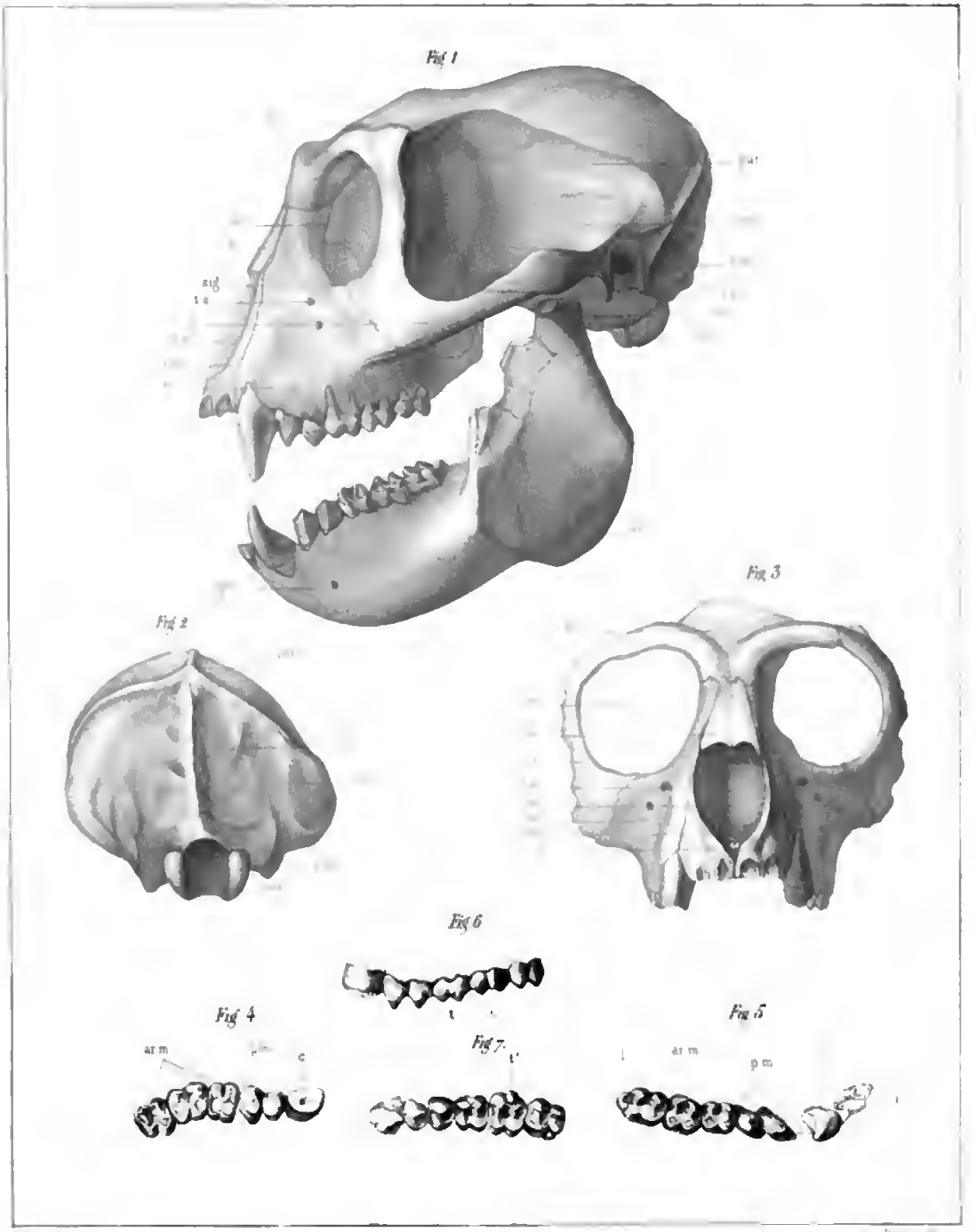


Mesopithecus Pentelici. Wagn. Mon.

Grandeur naturelle



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Mesopithecus Pentelici Wgr. Mahr.

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Mesopithecus Pentelici (Mâle)

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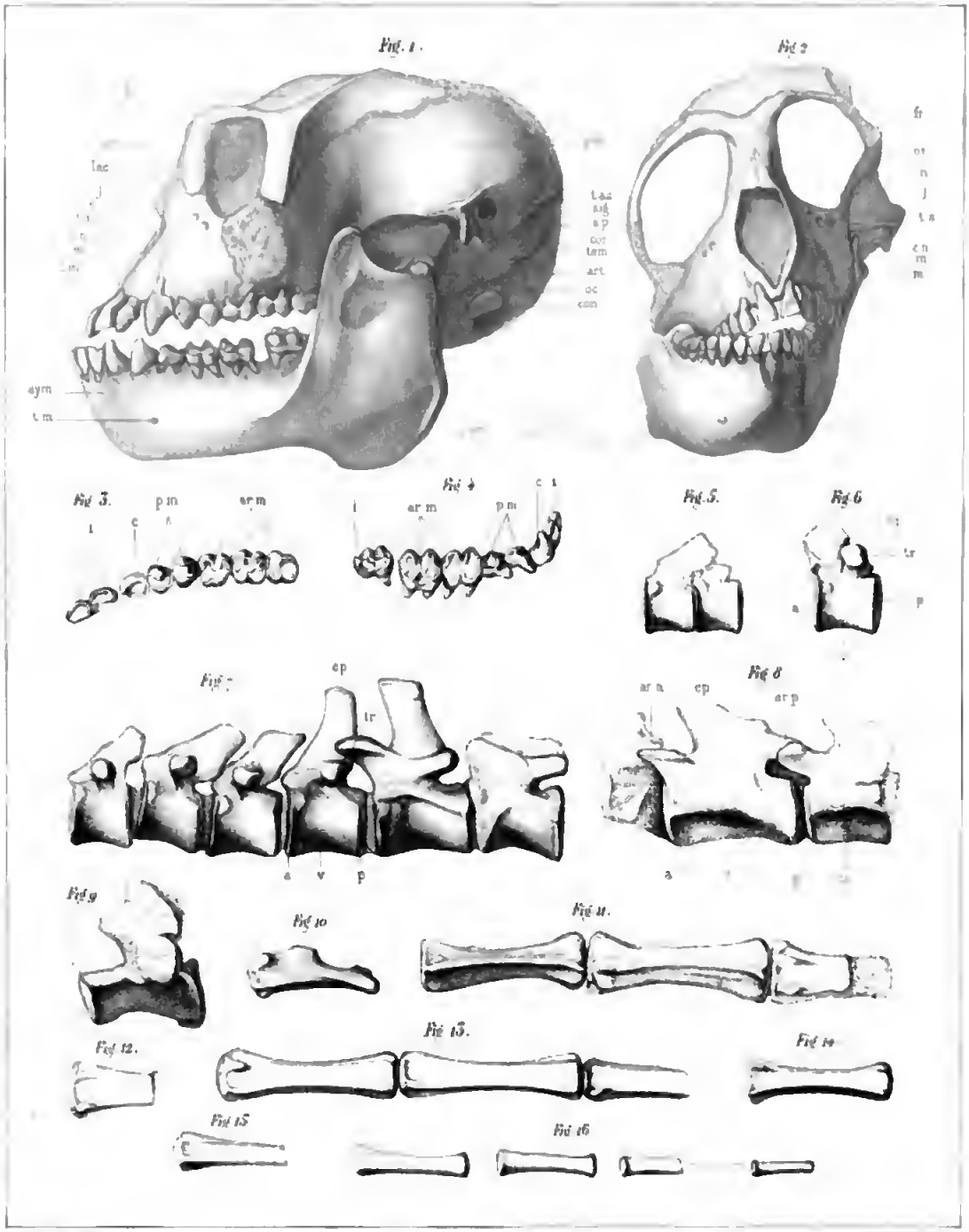

Mesopithecus Pentelici (Gentilis)

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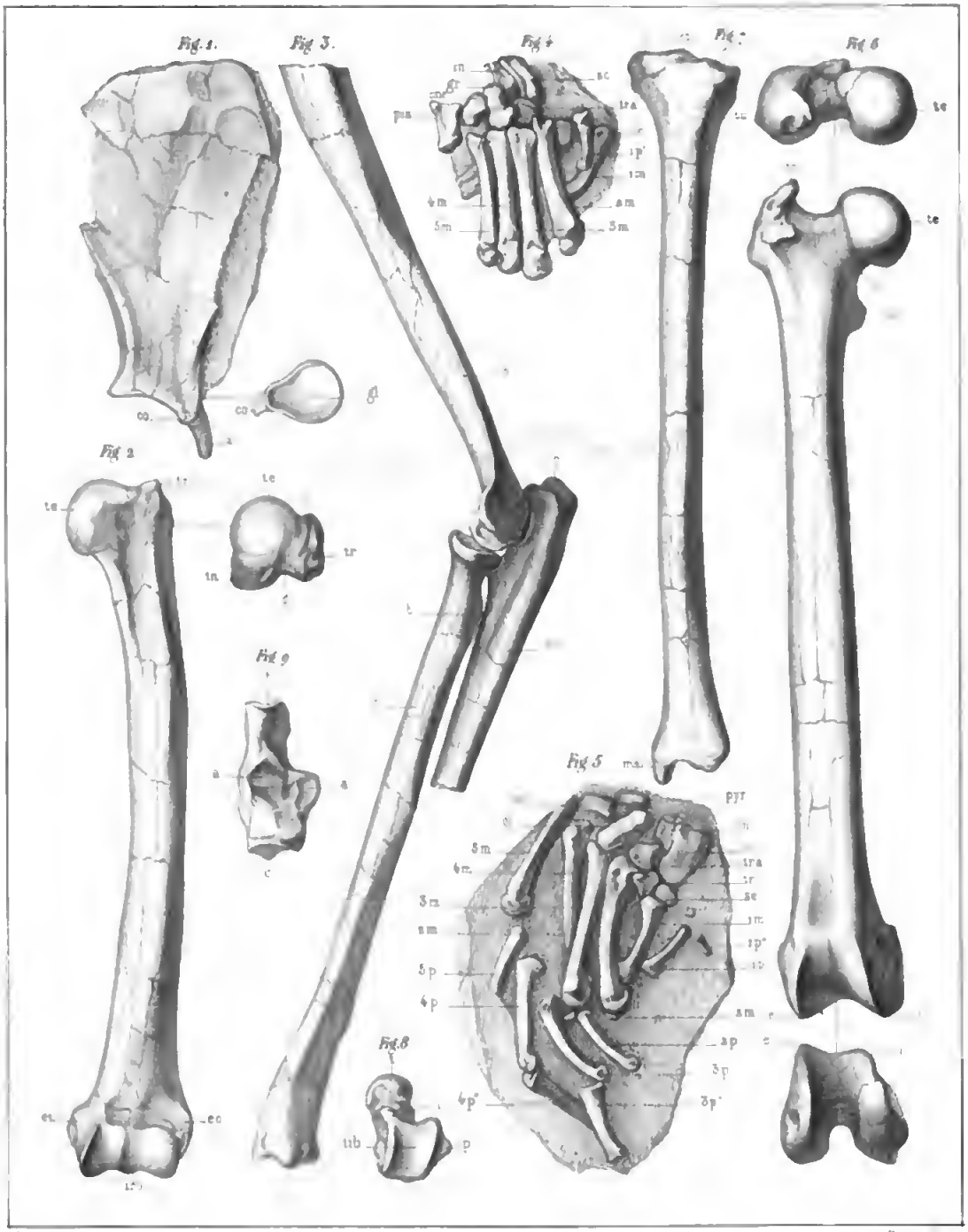

Mesopithecus Pentelici (Femelle)

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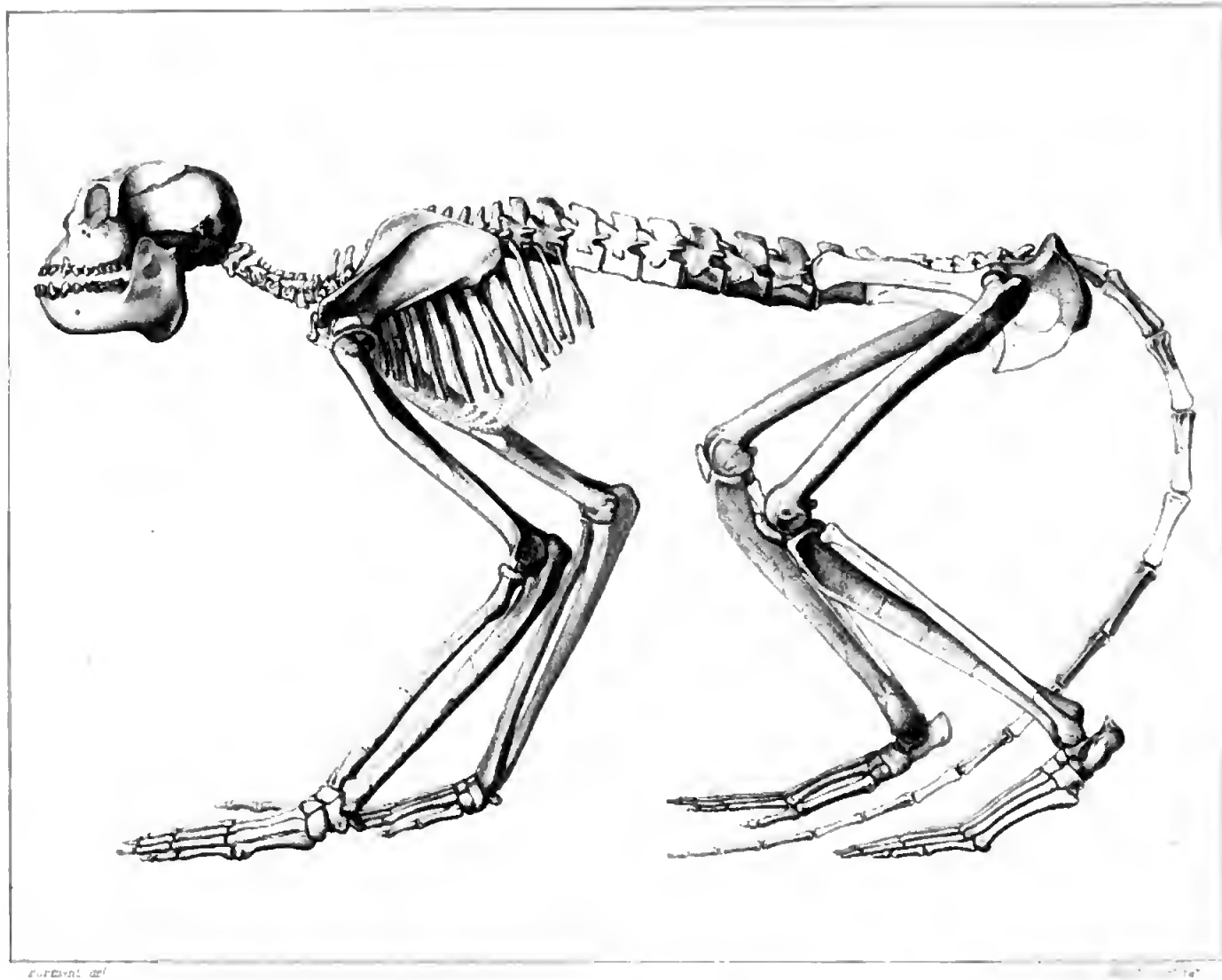

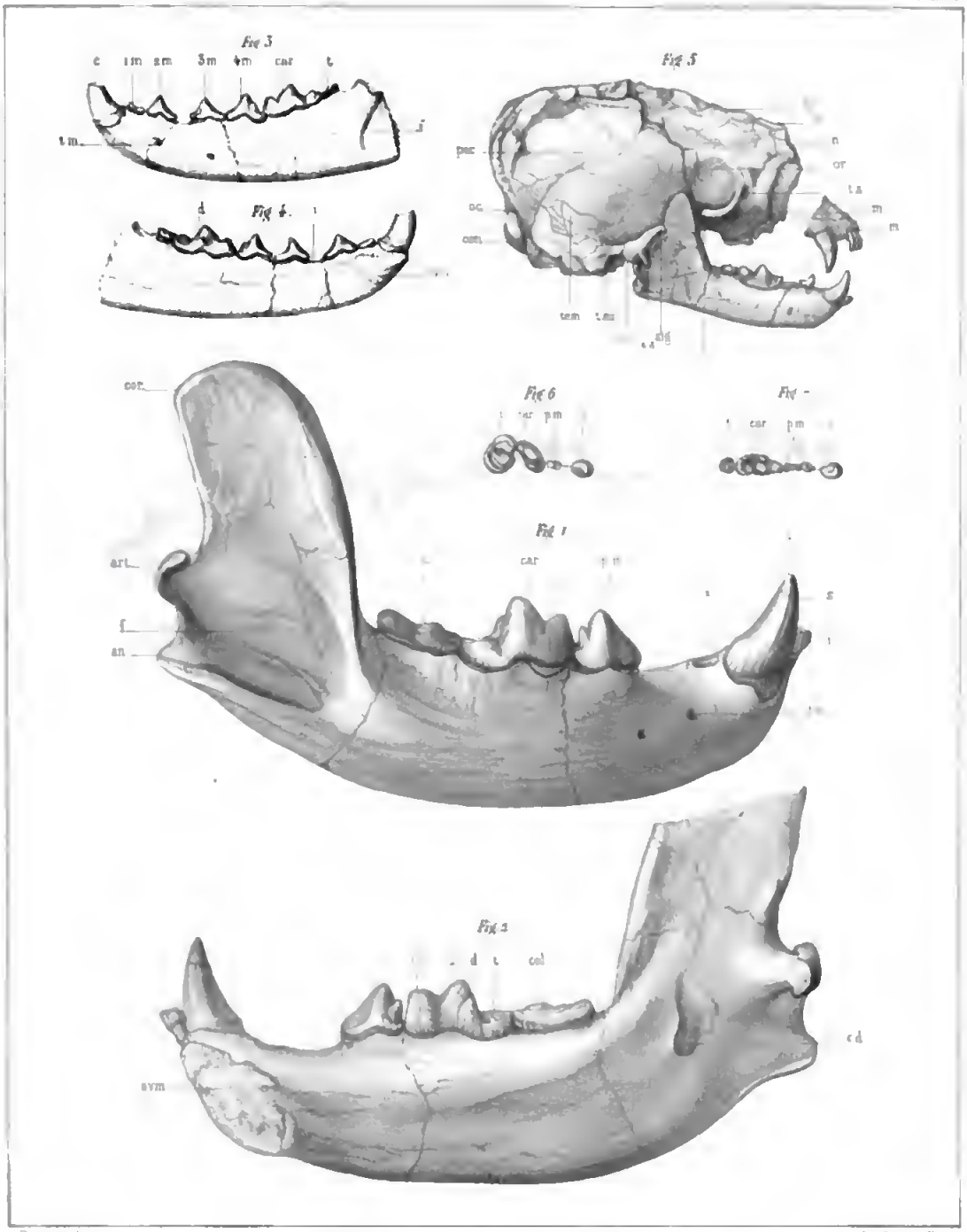

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Fig 1 et 2 Metarctos diaphorus Gaud.
3 et 4 Mustela Pentelici Gaud.
5 et 7 Promephitis Lartetii Gaud.

(Grandeur naturelle)

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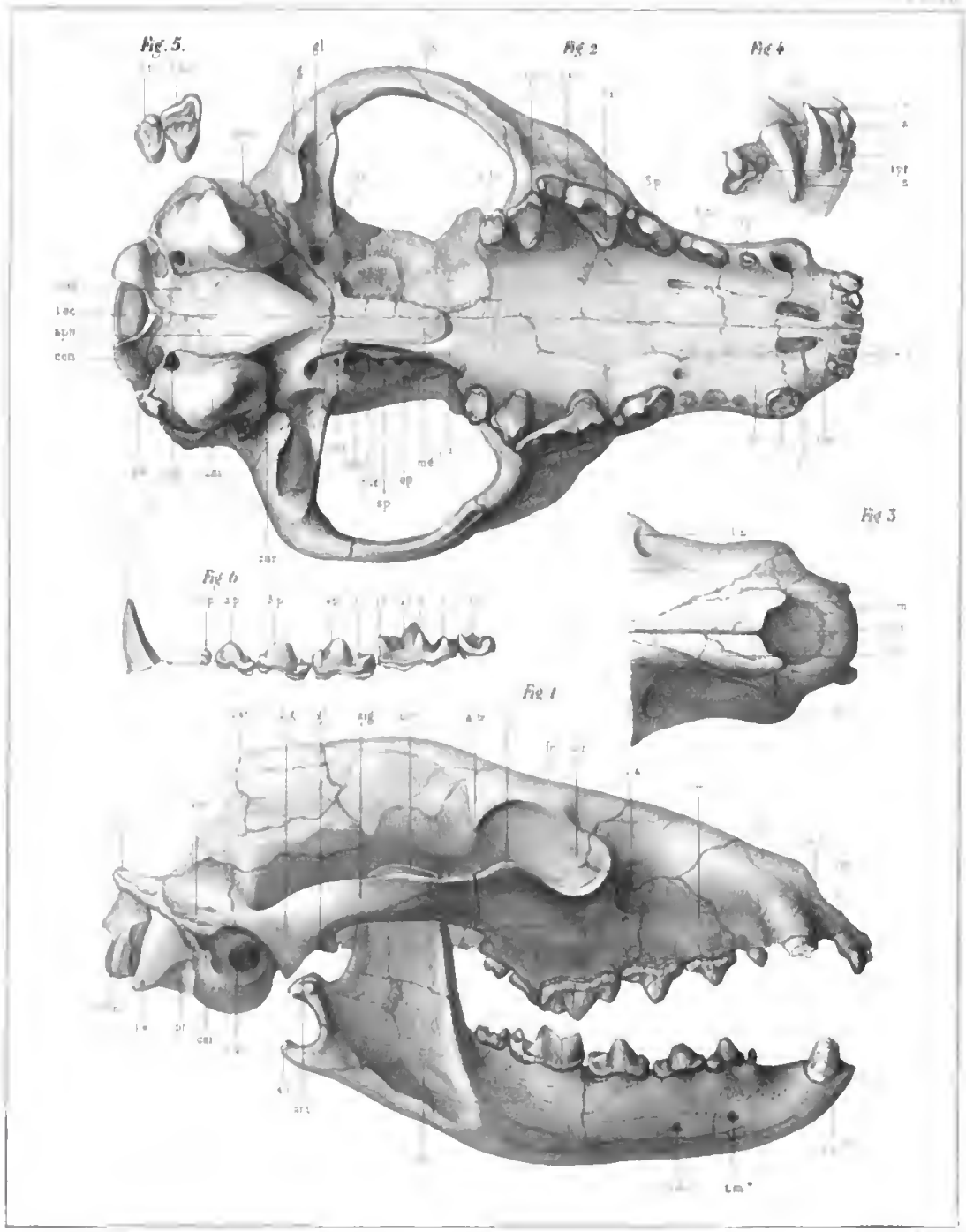

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Ictitherium robustum Gaud

Grandeur naturelle

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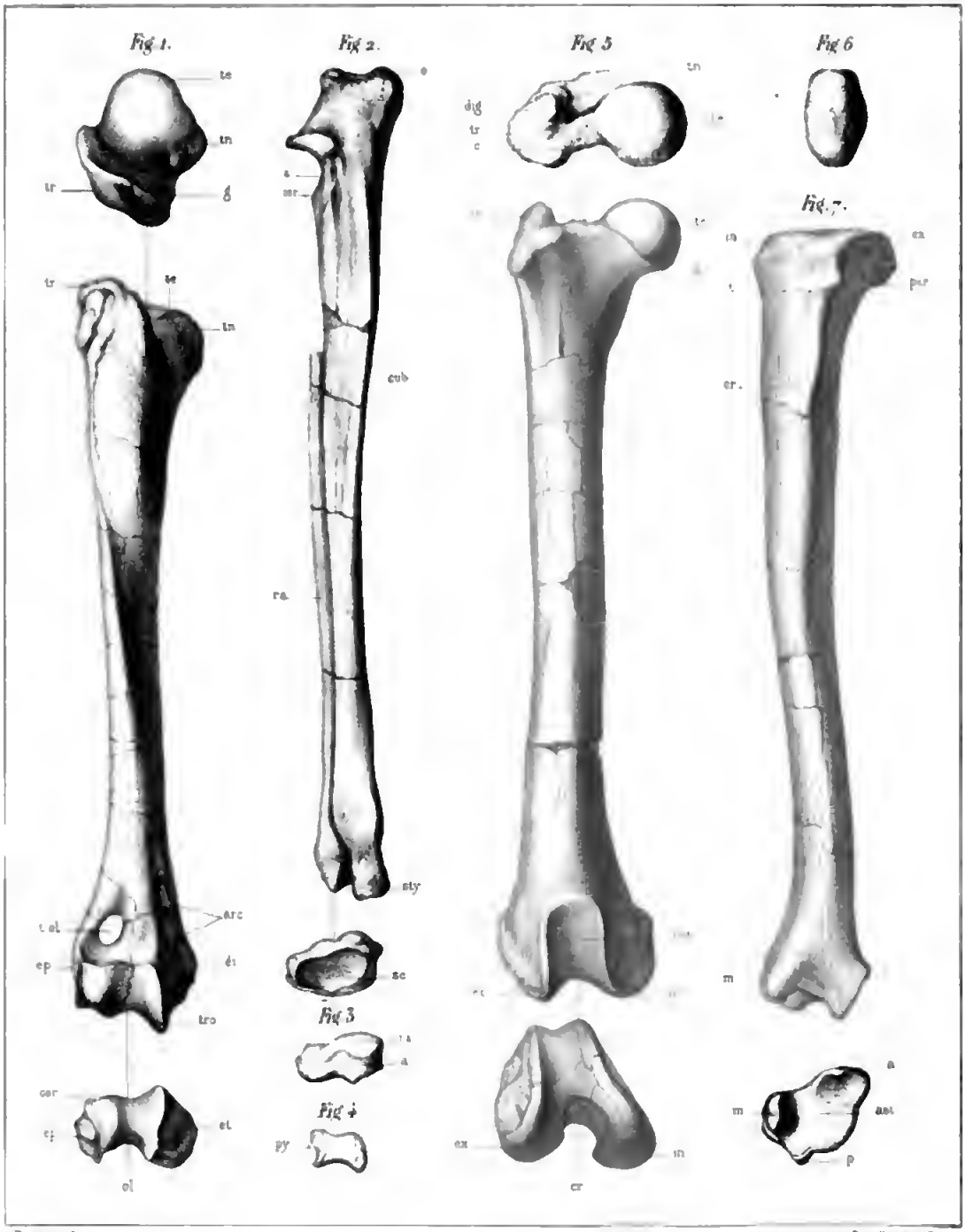

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Ictitherium robustum

Grandeur naturelle

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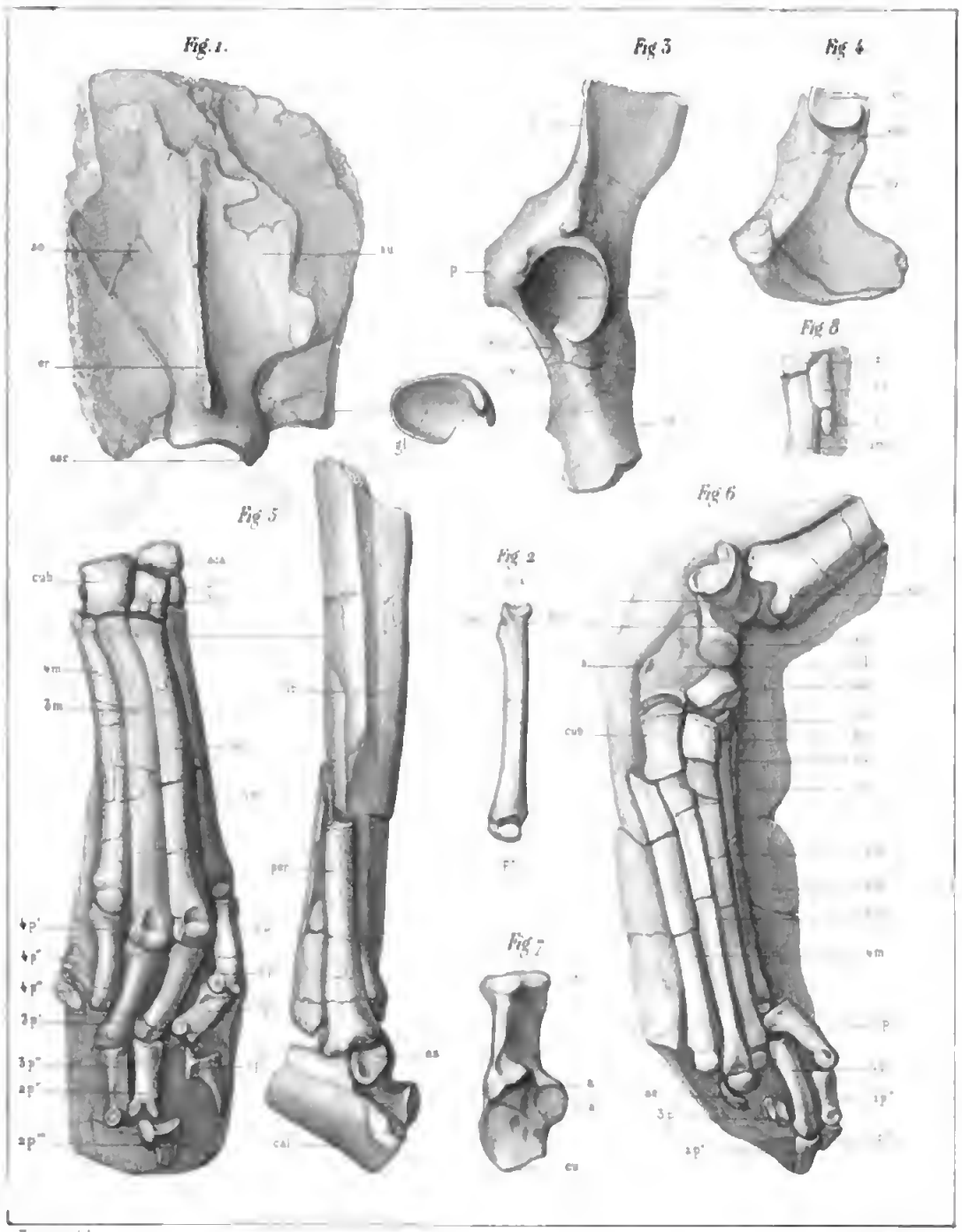

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Ictitherium robustum

Grandeur naturelle

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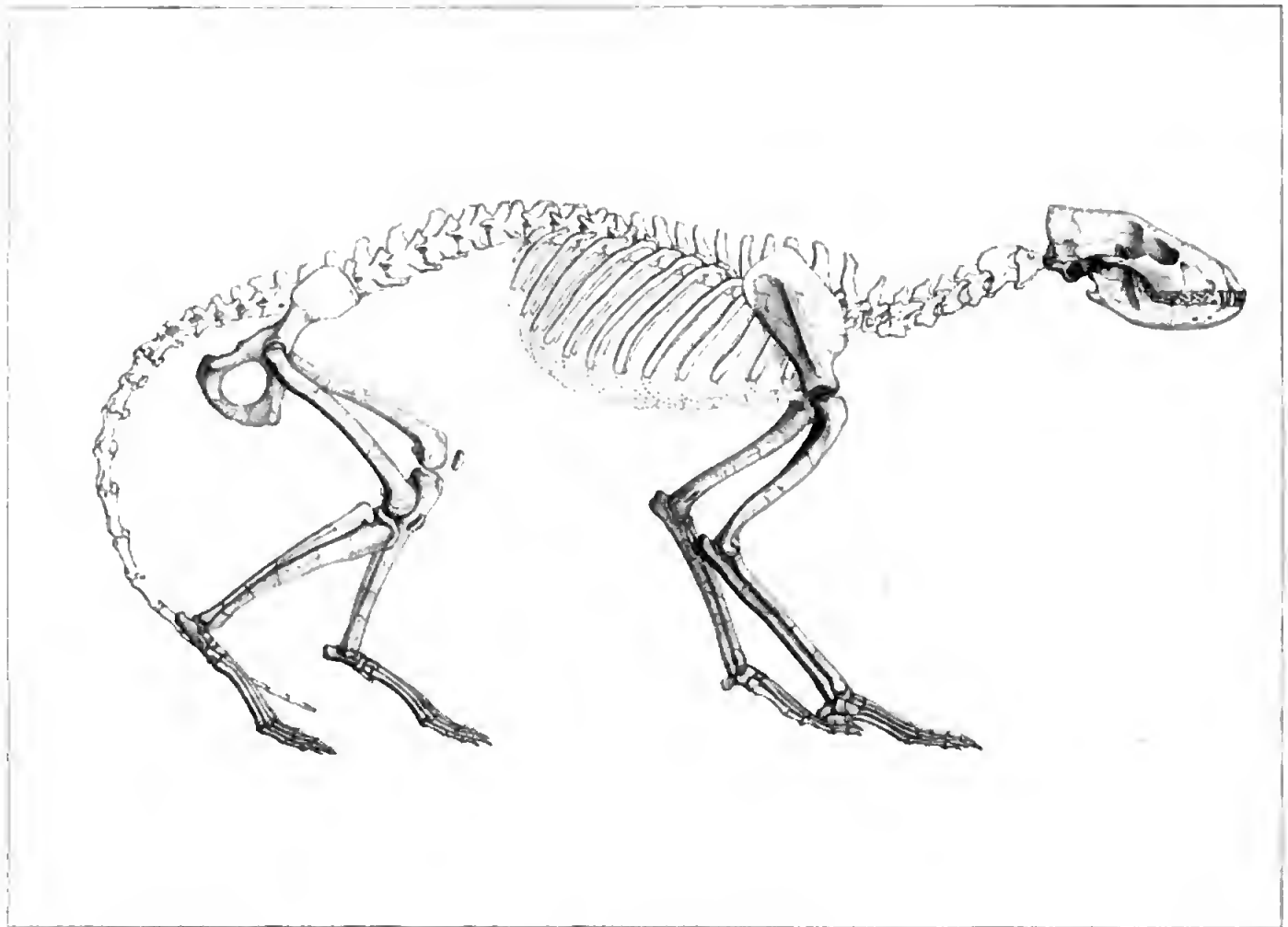

Pomel del. Imp. Becquet Paris

Iotithorium robustum

Lie de la grandeur naturelle

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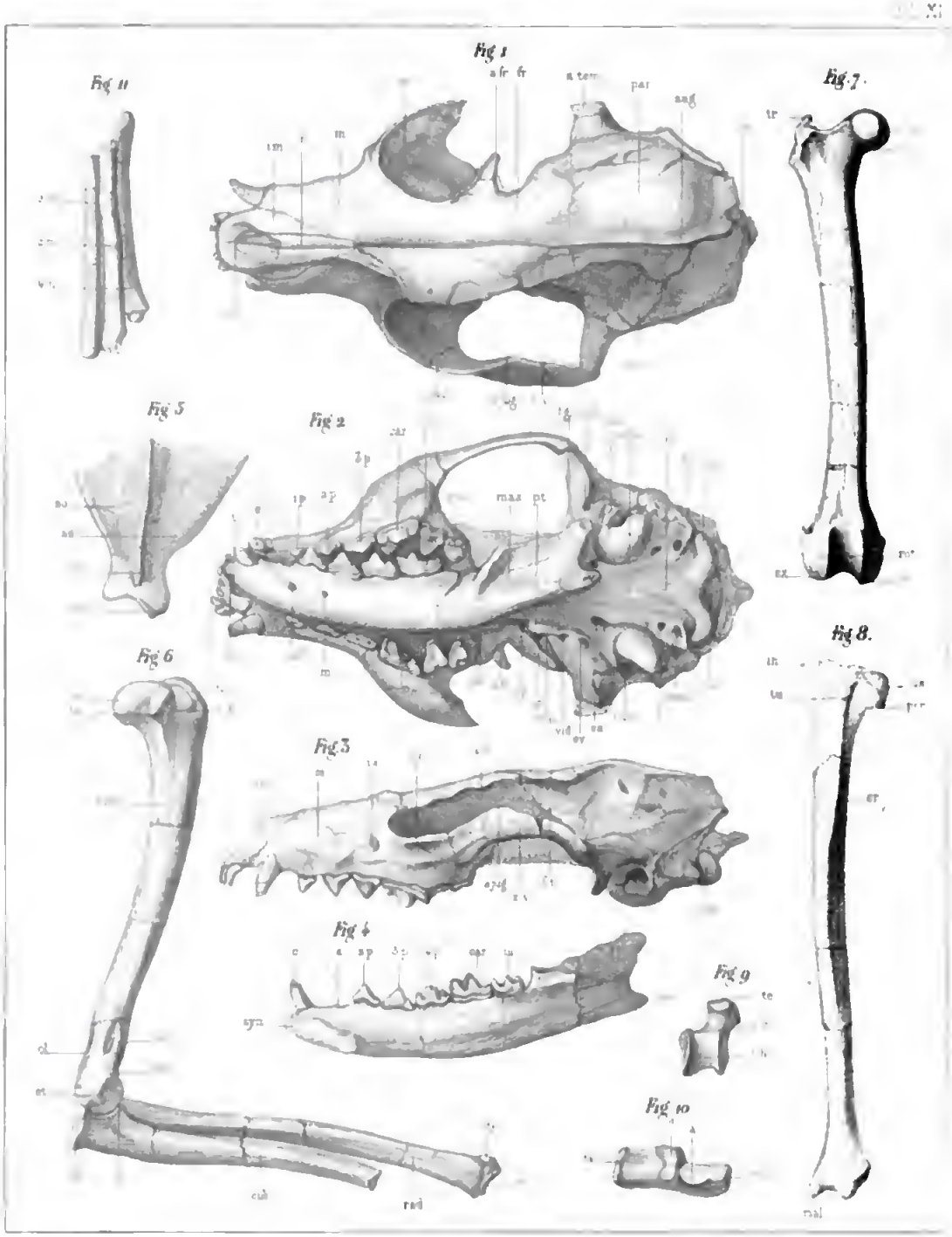

Ictitherium Orbigny: *Gaud*

Grandeur naturelle

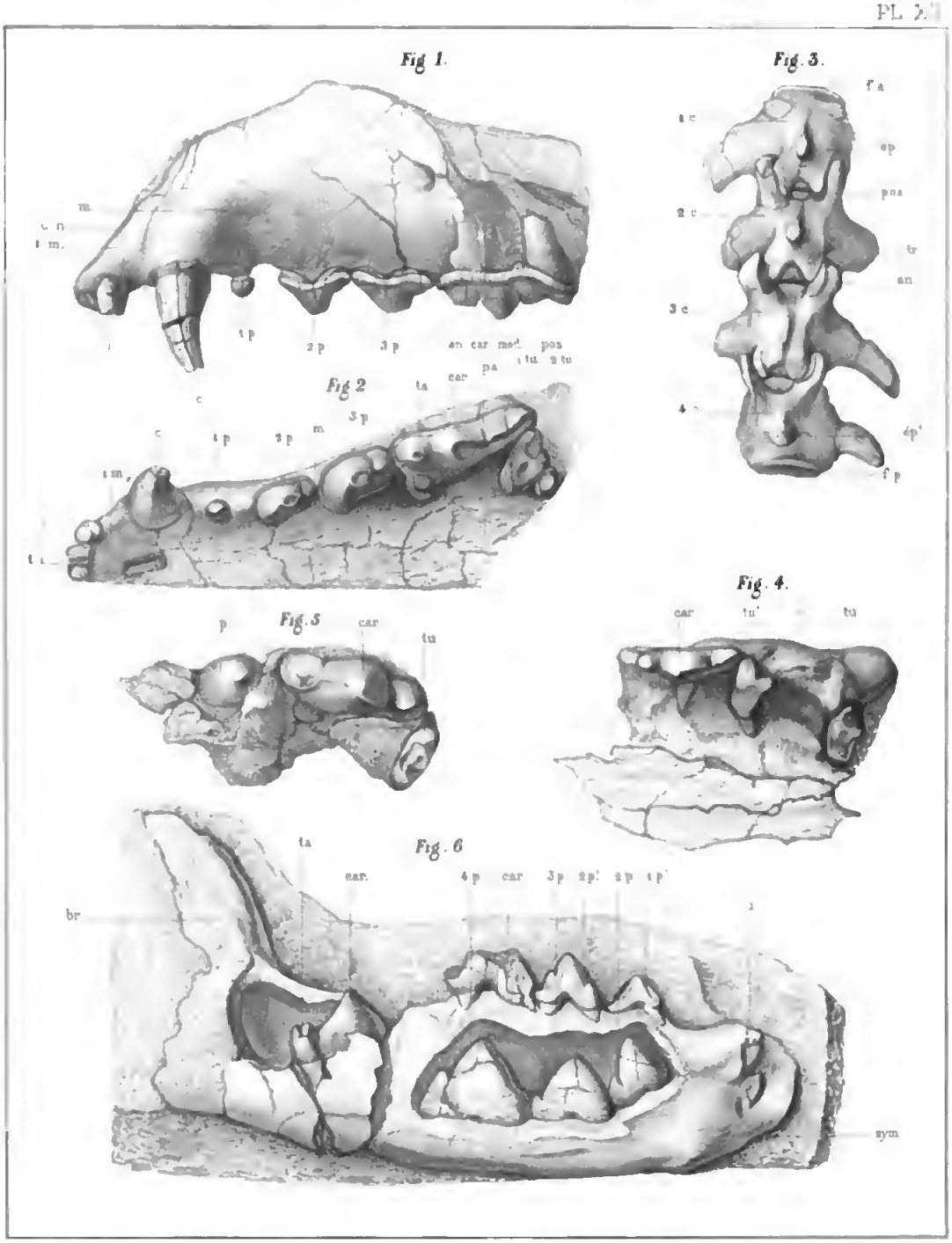

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Fig. 1.2.3 Ictitherium hipparionum. *Gaud.*

Fig 4.5.6 Hyæna eximia. *Roth et Wagn*

Grandeur naturelle

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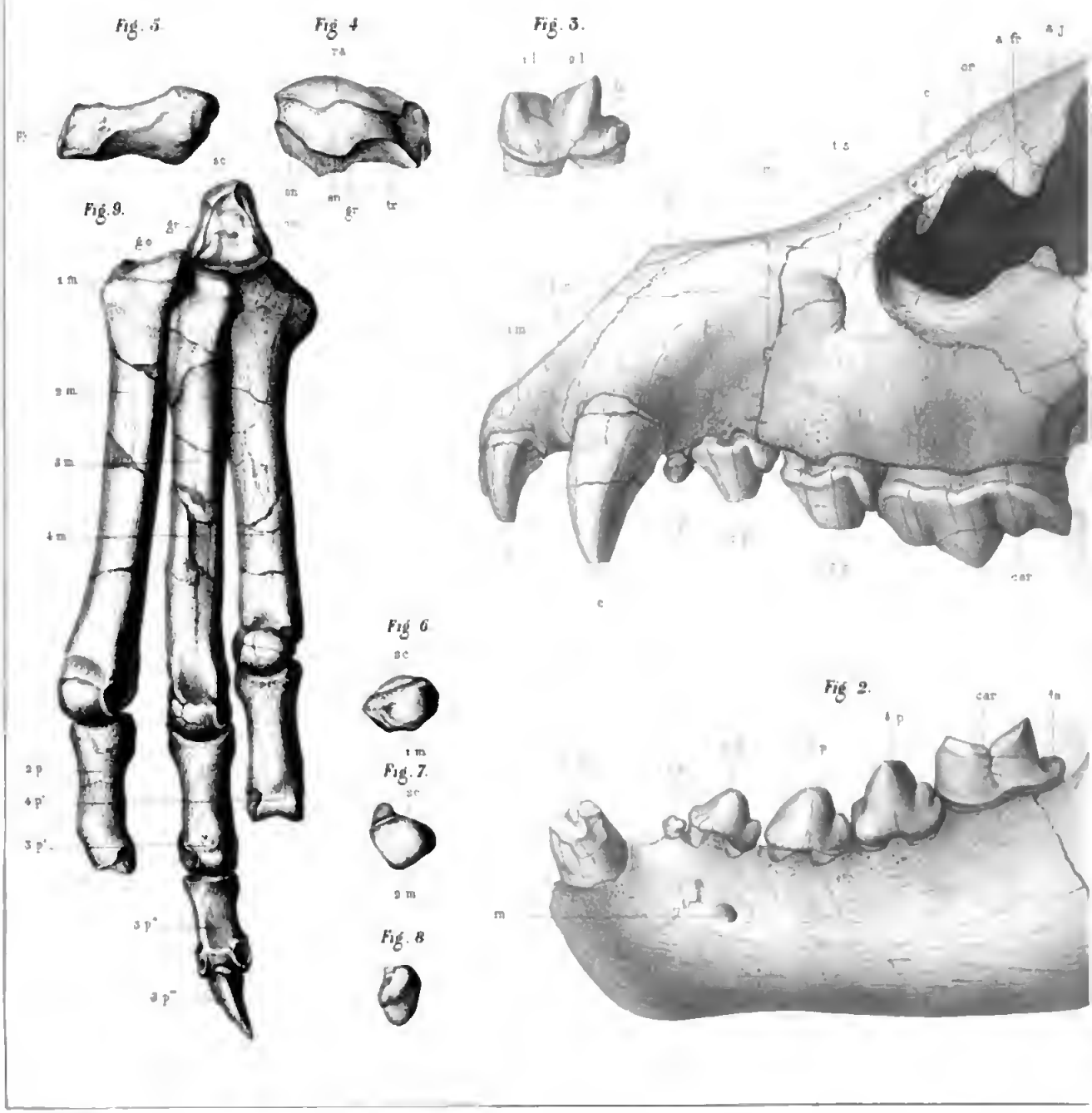

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Hyæna exim

Grandeur

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Fig 1.

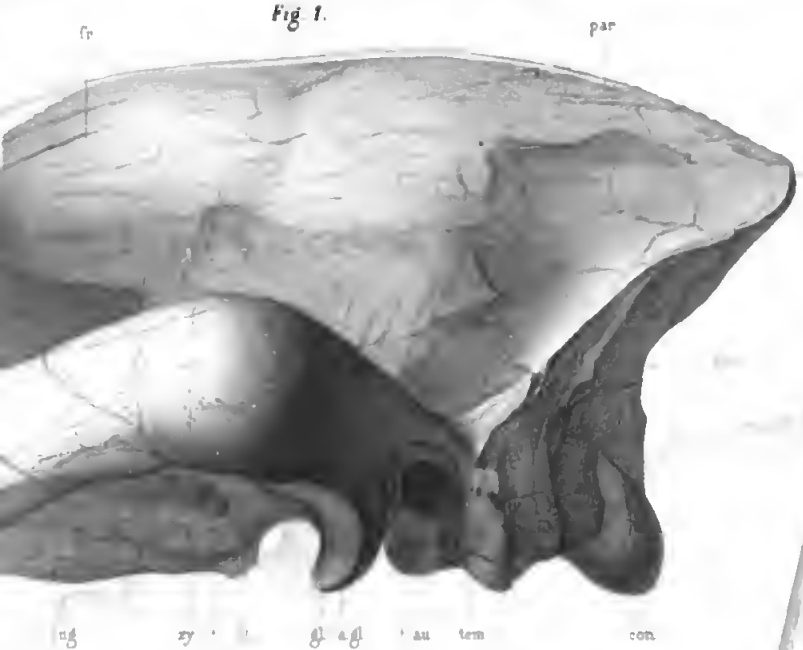

Fig 10

Fig 11

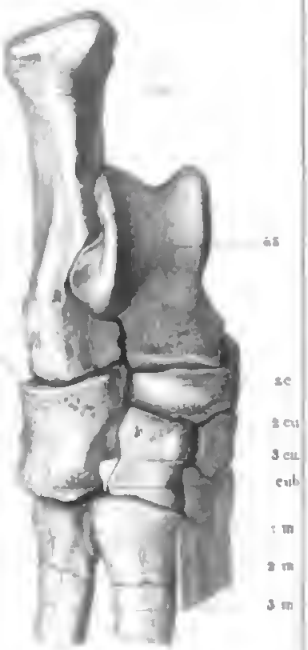

Fig 12

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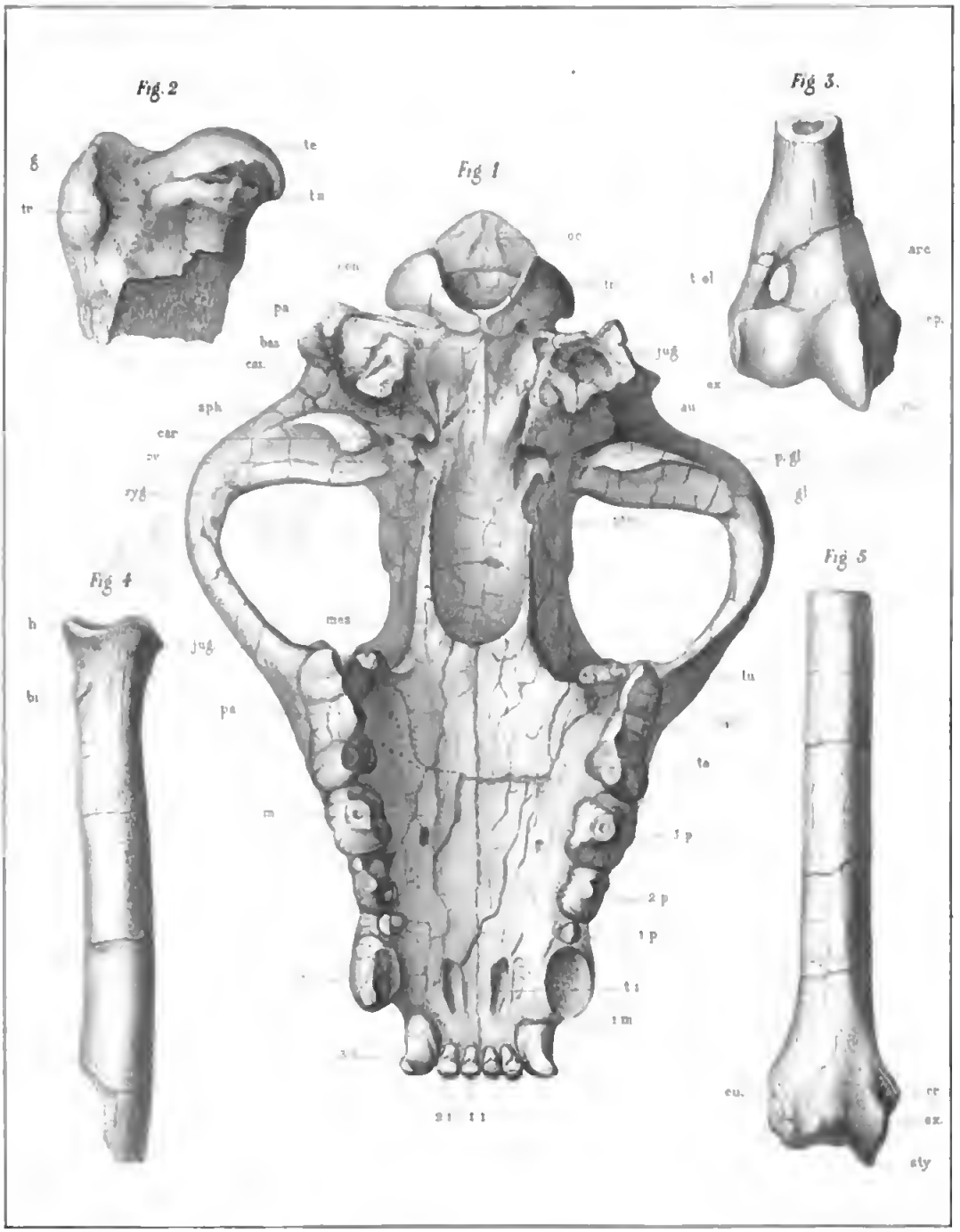
Roth. et Wagn.

aturelle



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Hyæna eximia.

au $\frac{2}{3}$ de la grandeur naturelle

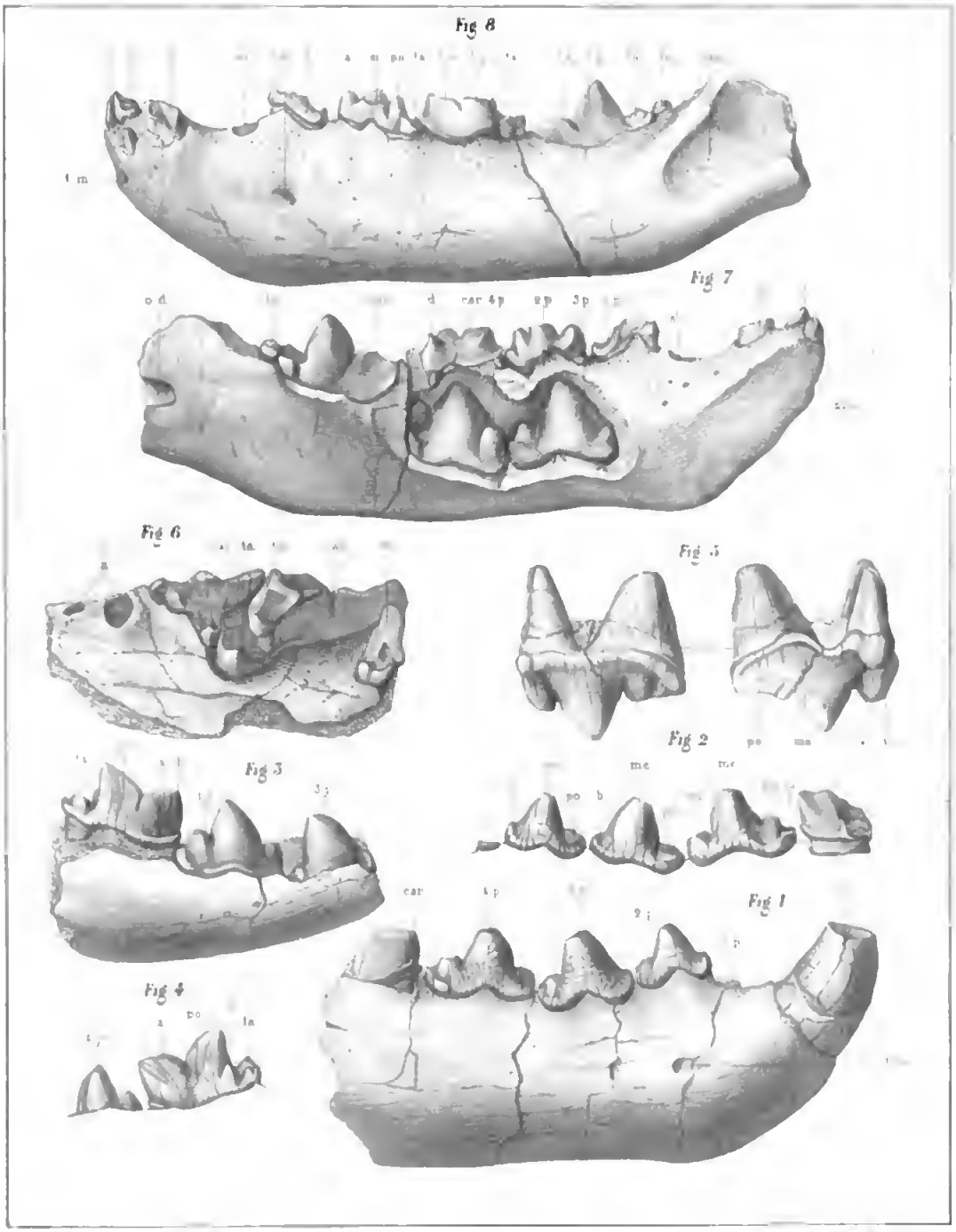
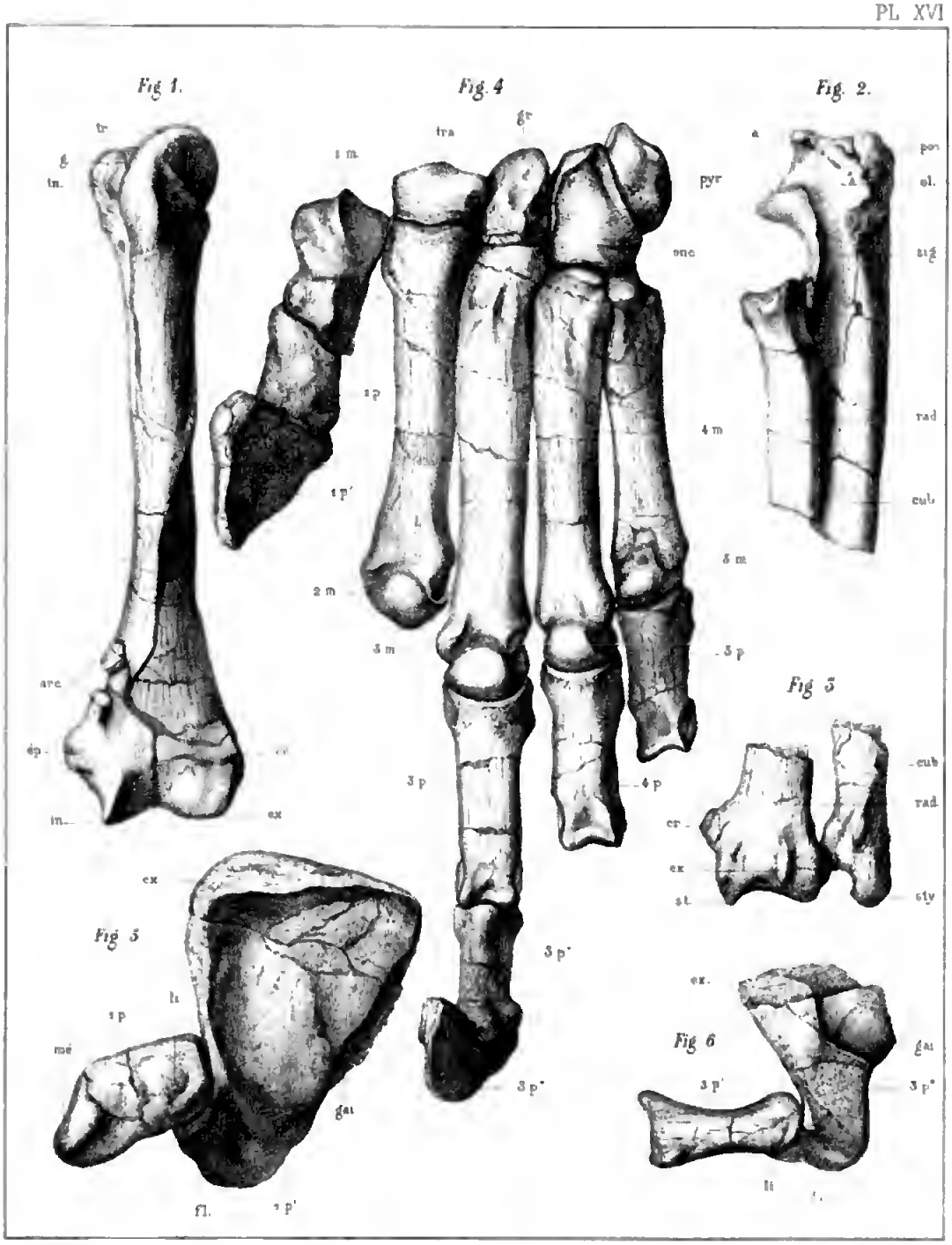


Fig 1.2.3.4.5 Hyæna Chærelis Gaud et Lart
Fig 6.7.8 Hyænictis græca Gaud



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Machairodus cultridens *Kaup*

Fig 1, 2 et 3 au $\frac{2}{3}$ de la grandeur naturelle

Fig 4, au $\frac{3}{4}$ de la gr nat

Fig. 5 et 6 gr nat

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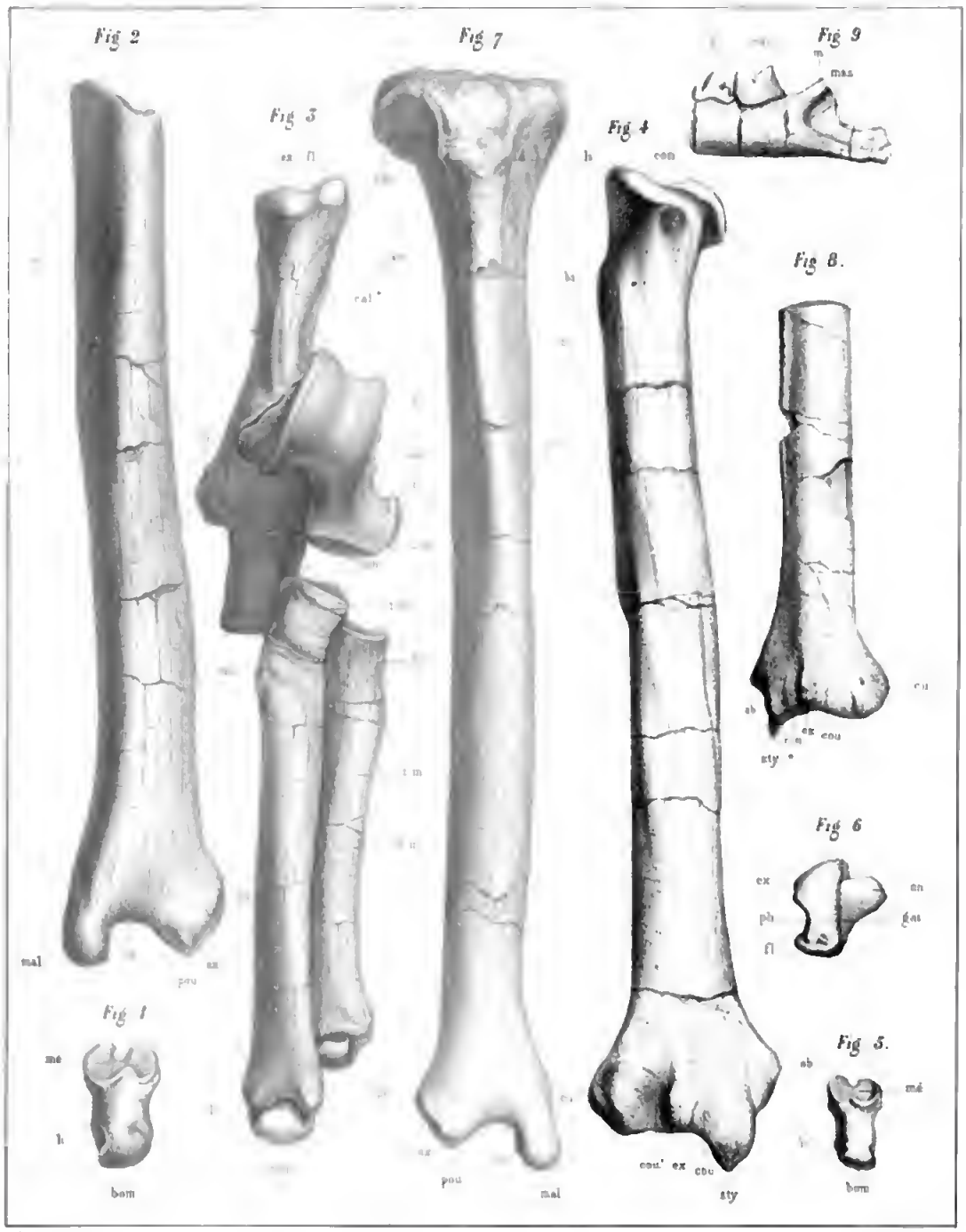

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Diverses especes de la famille des chats

Fig 1 2 et 3 Premiere espèce | Fig 8 Troisième espece
Fig 4, 5 6 et 7 Seconde espece | Fig 9 Quatrieme espece.

Grandeur naturelle

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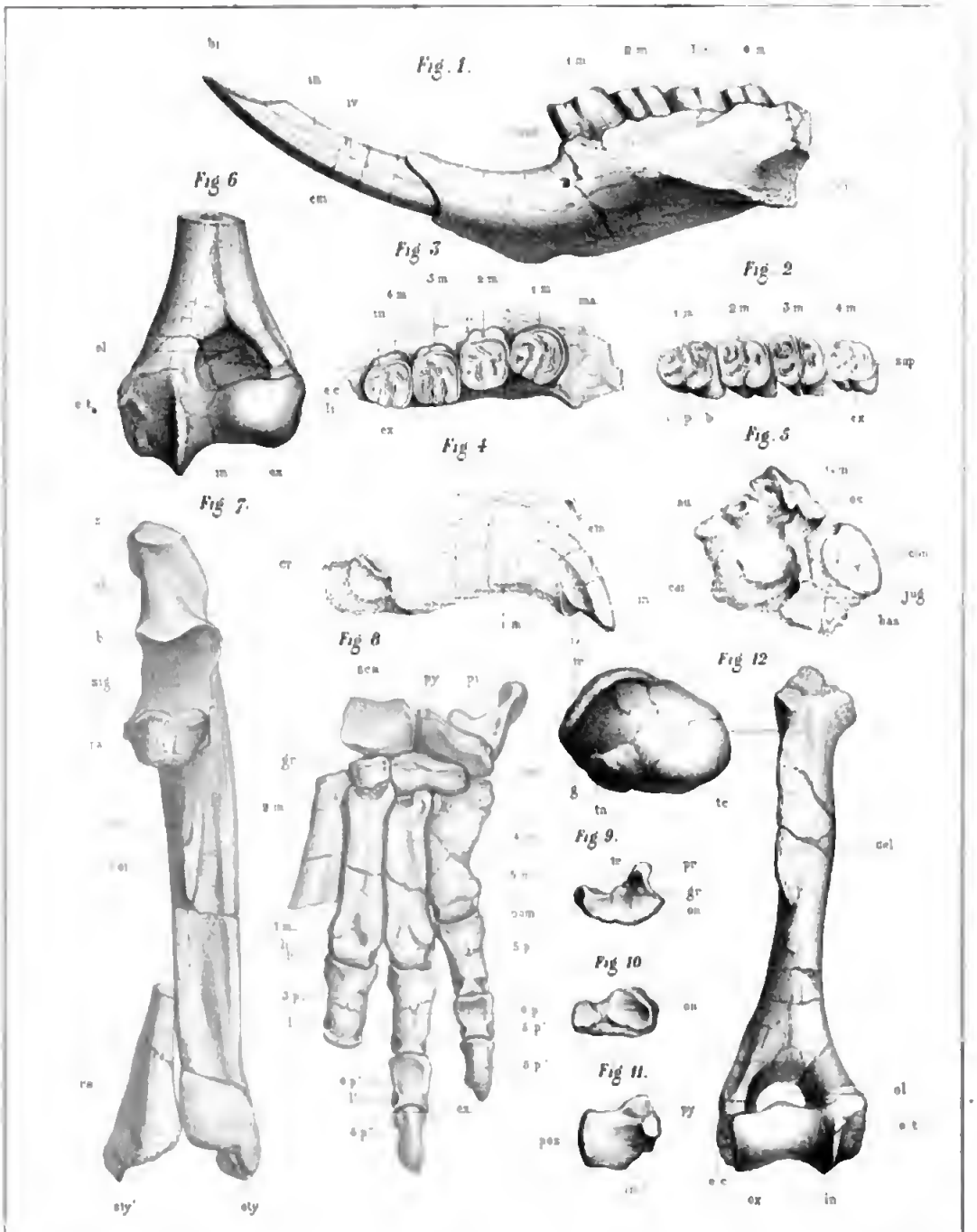

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Hystrix primigenia *Gaud et Lart*

Grandeur naturelle

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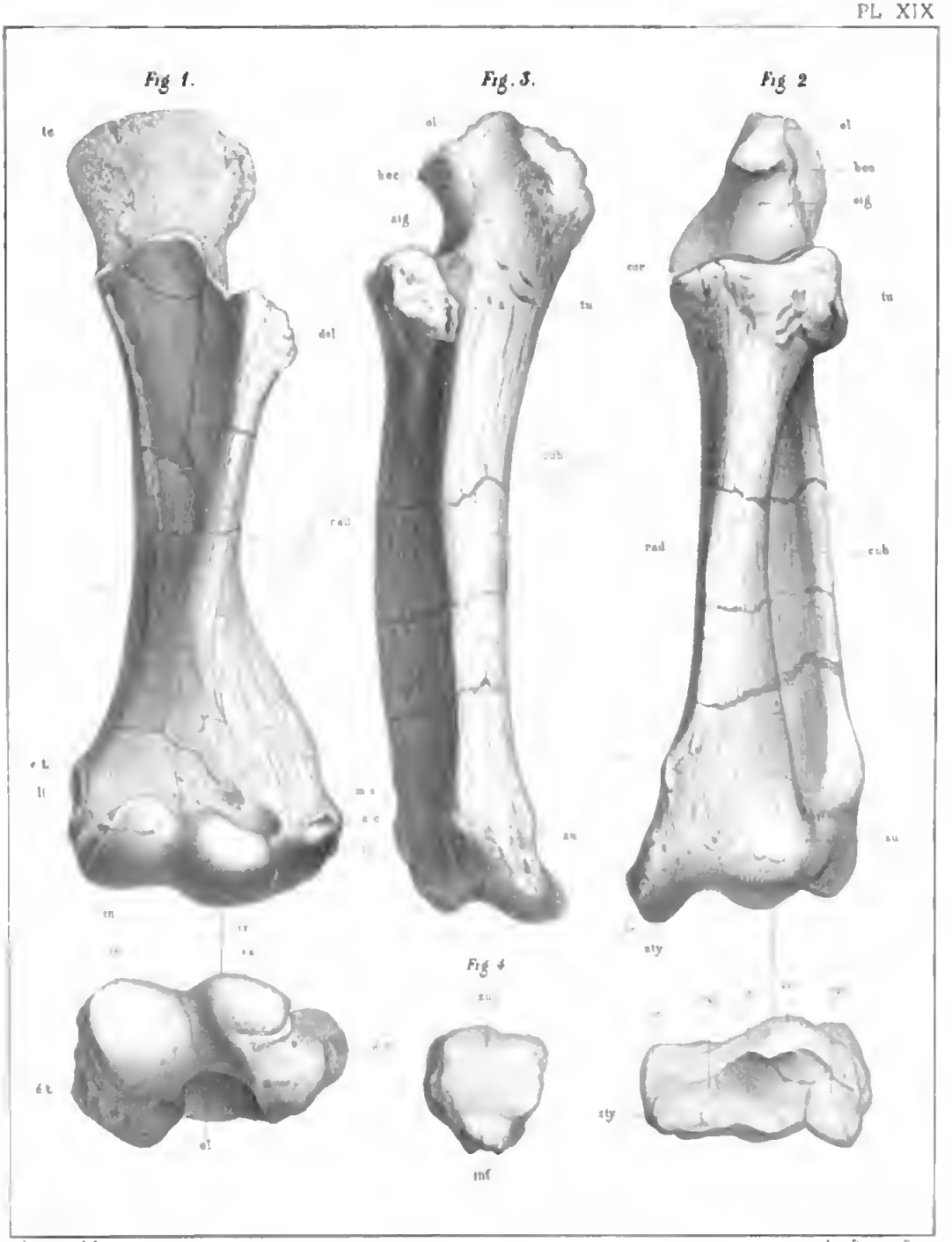

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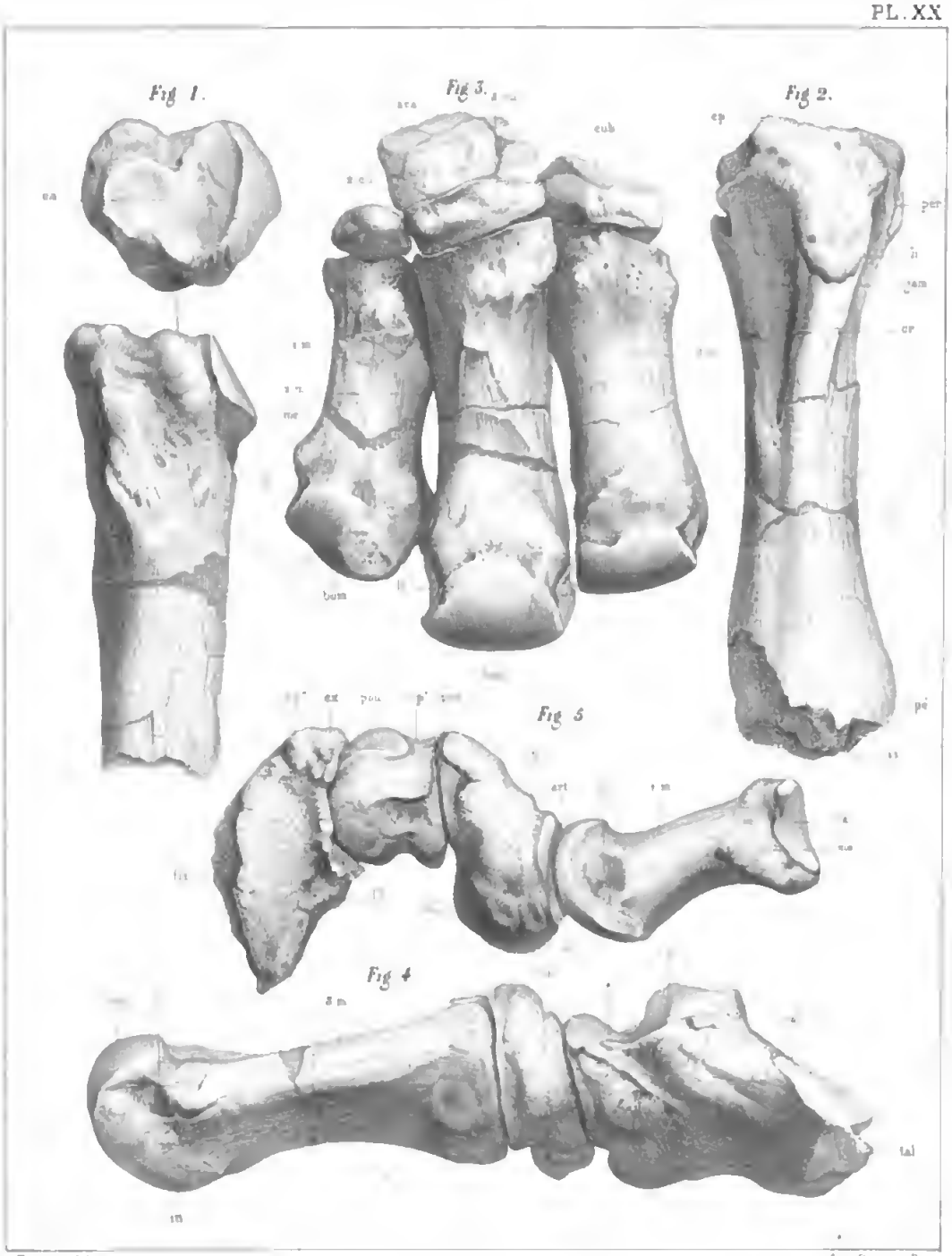
Nouveau genre d'édenté gigantesque.

au $\frac{1}{4}$ de la grandeur naturelle



Nouveau genre d'édenté gigantesque.

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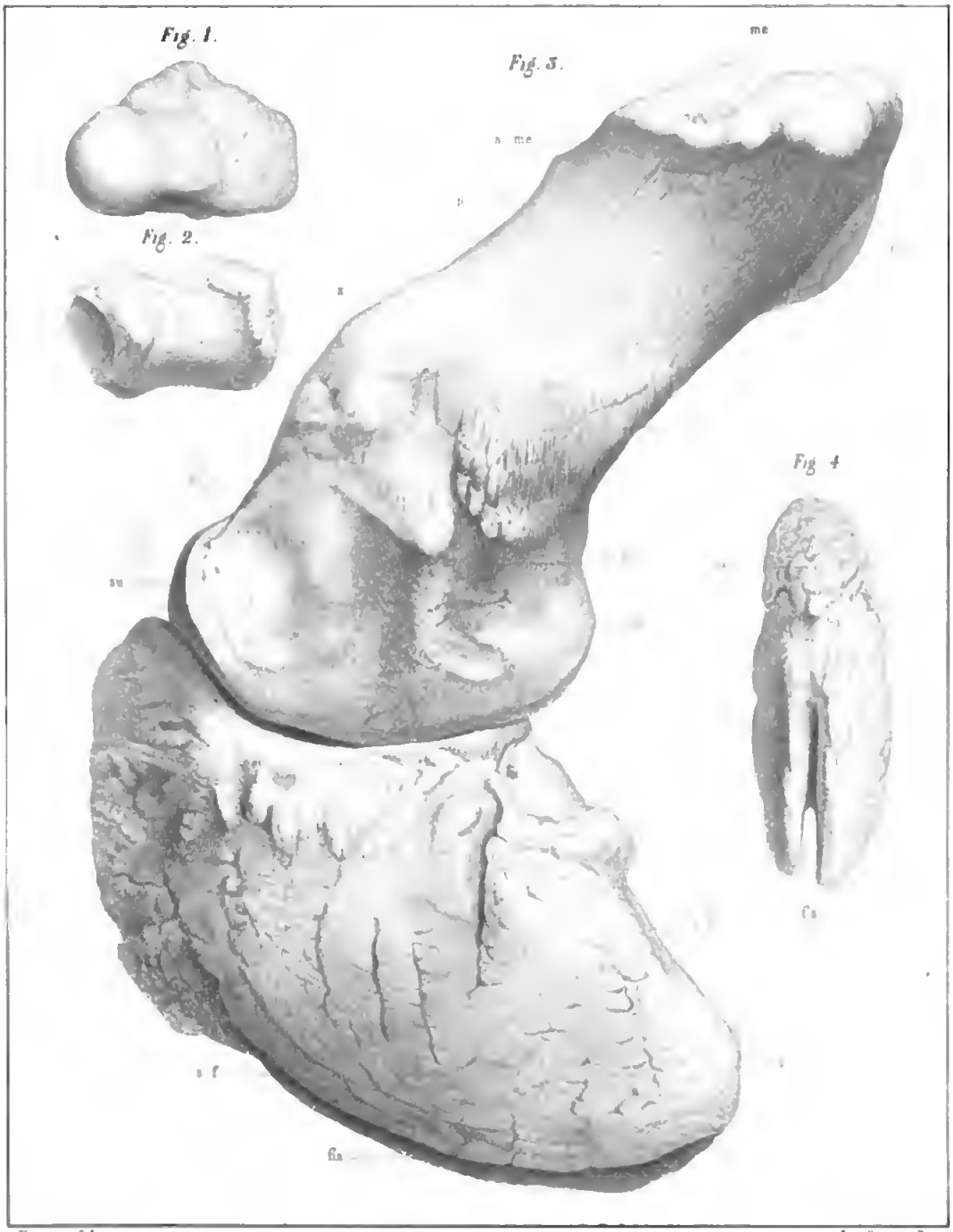
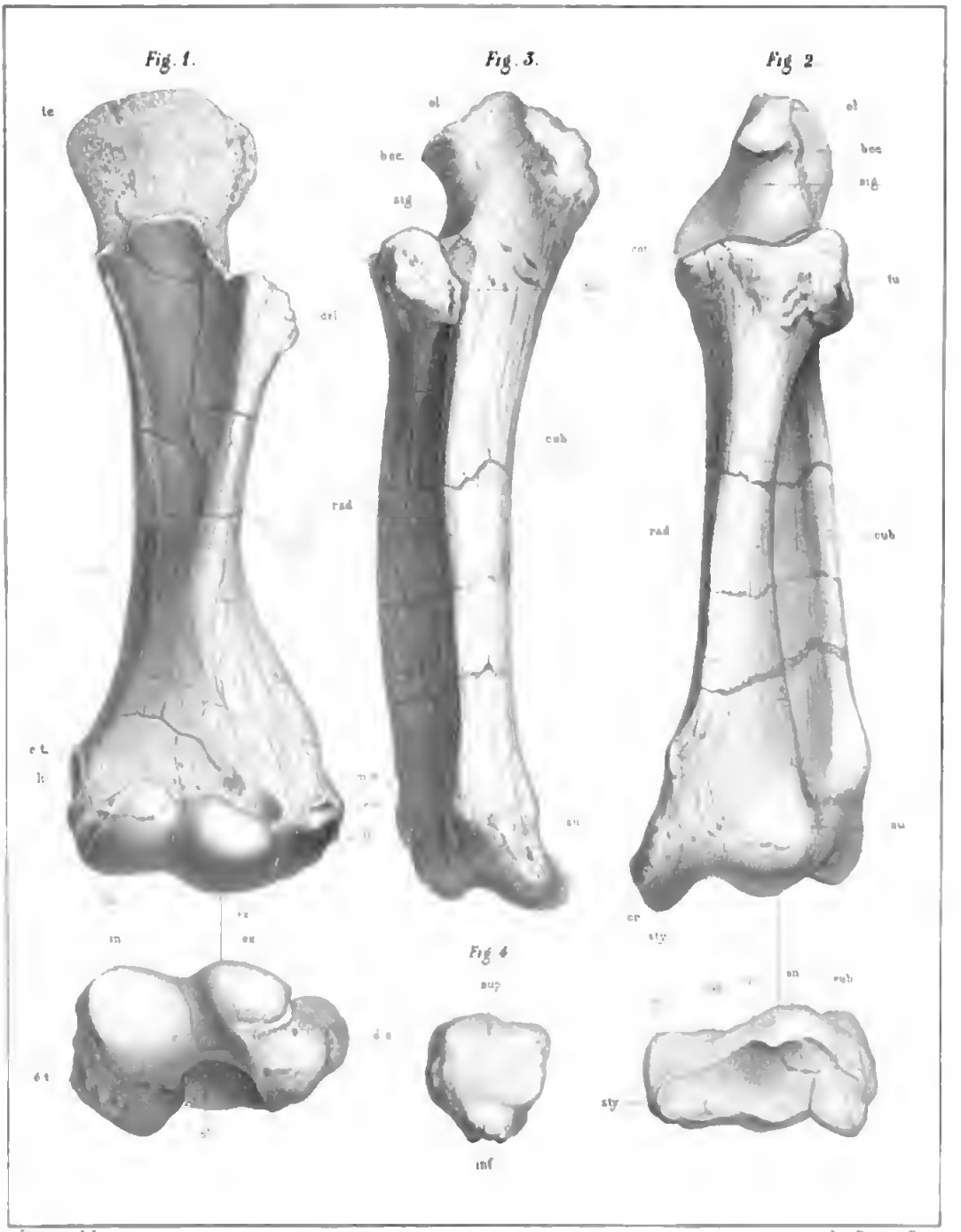


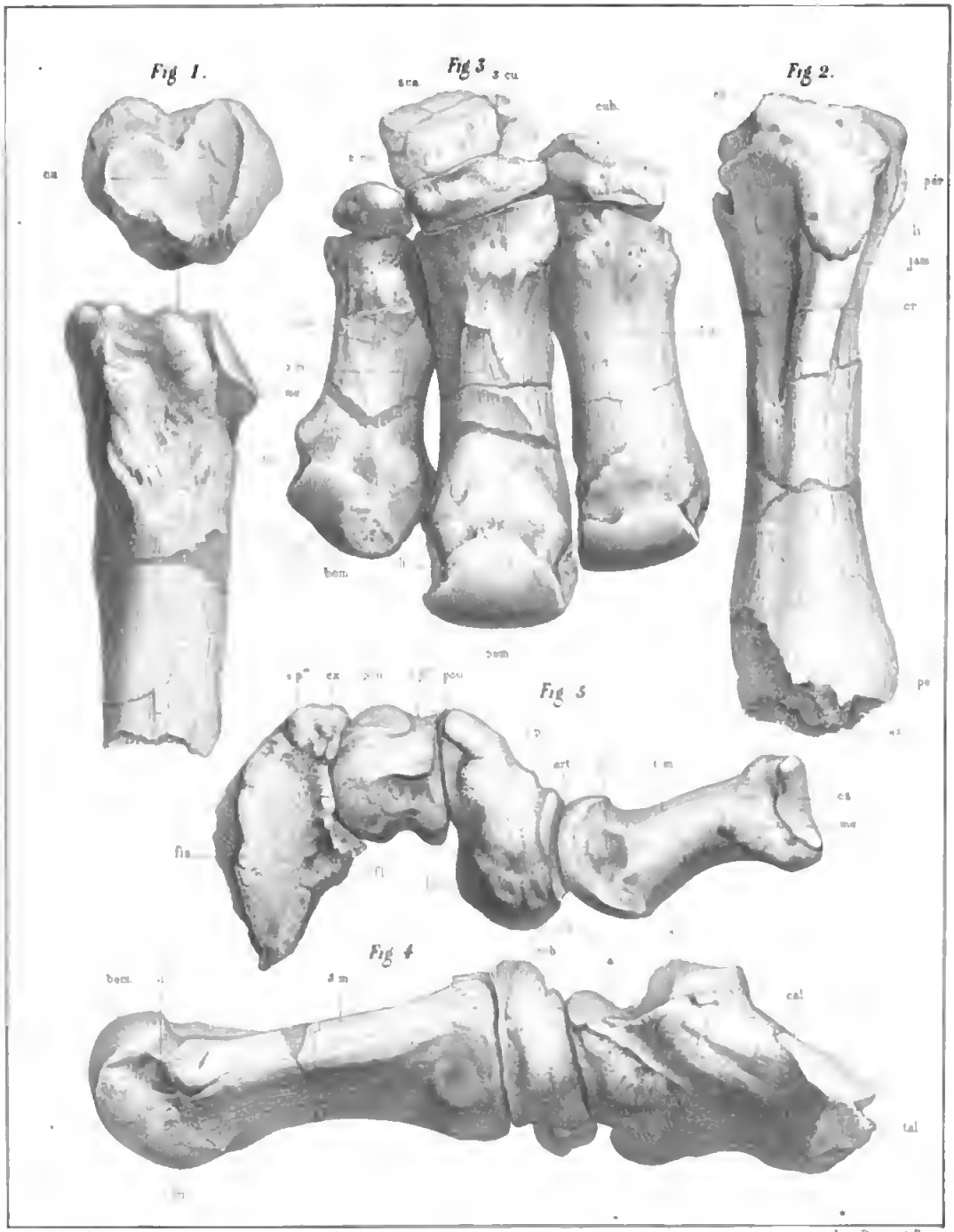
Nouveau genre d'édenté gigantesque.

Fig 1, 2, 4. à $\frac{1}{5}$ de la grandeur naturelle
Fig 3 gr nat



Nouveau genre d'édenté gigantesque.

au $\frac{1}{4}$ *de la grandeur naturelle*



Nouveau genre d'édenté gigantesque

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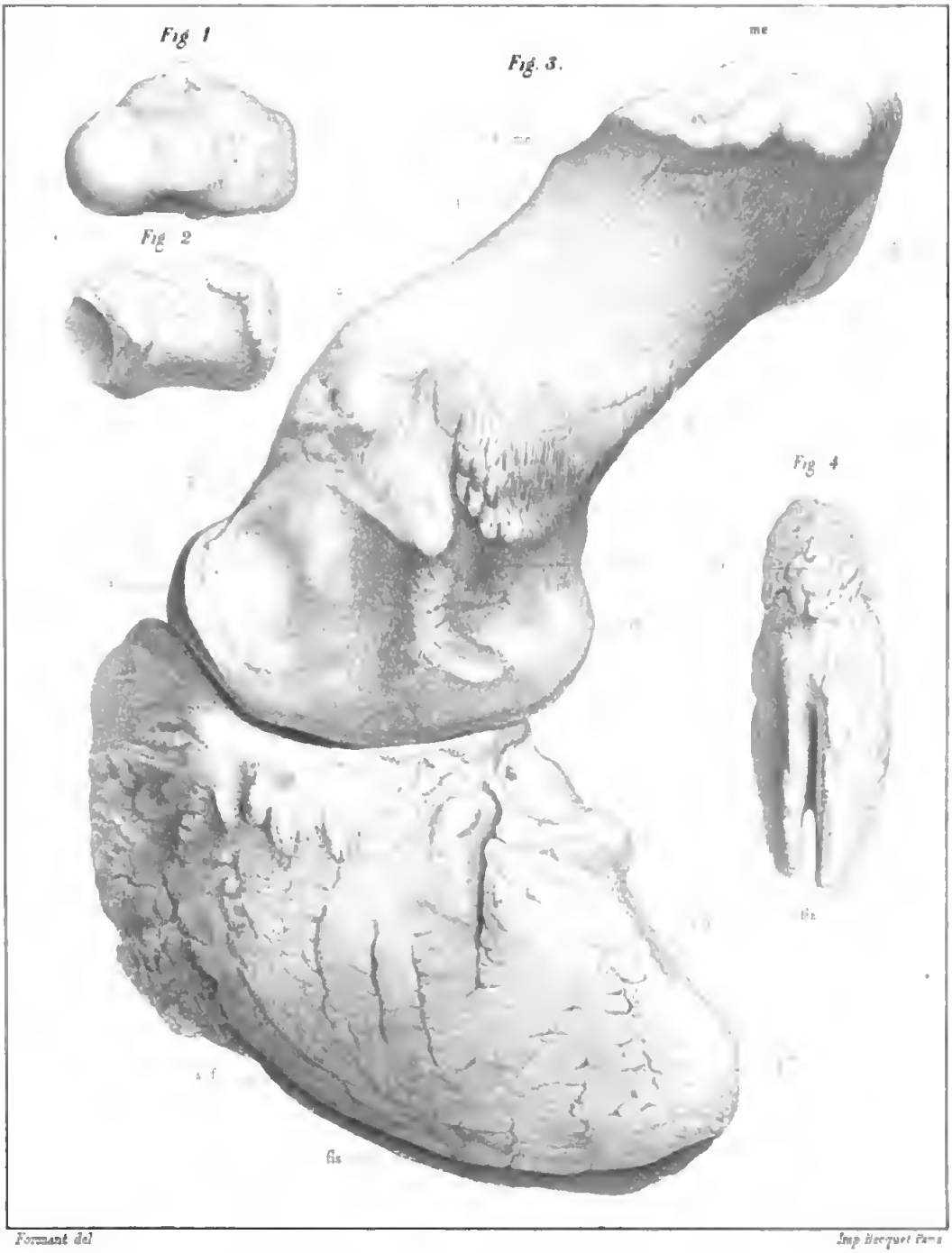
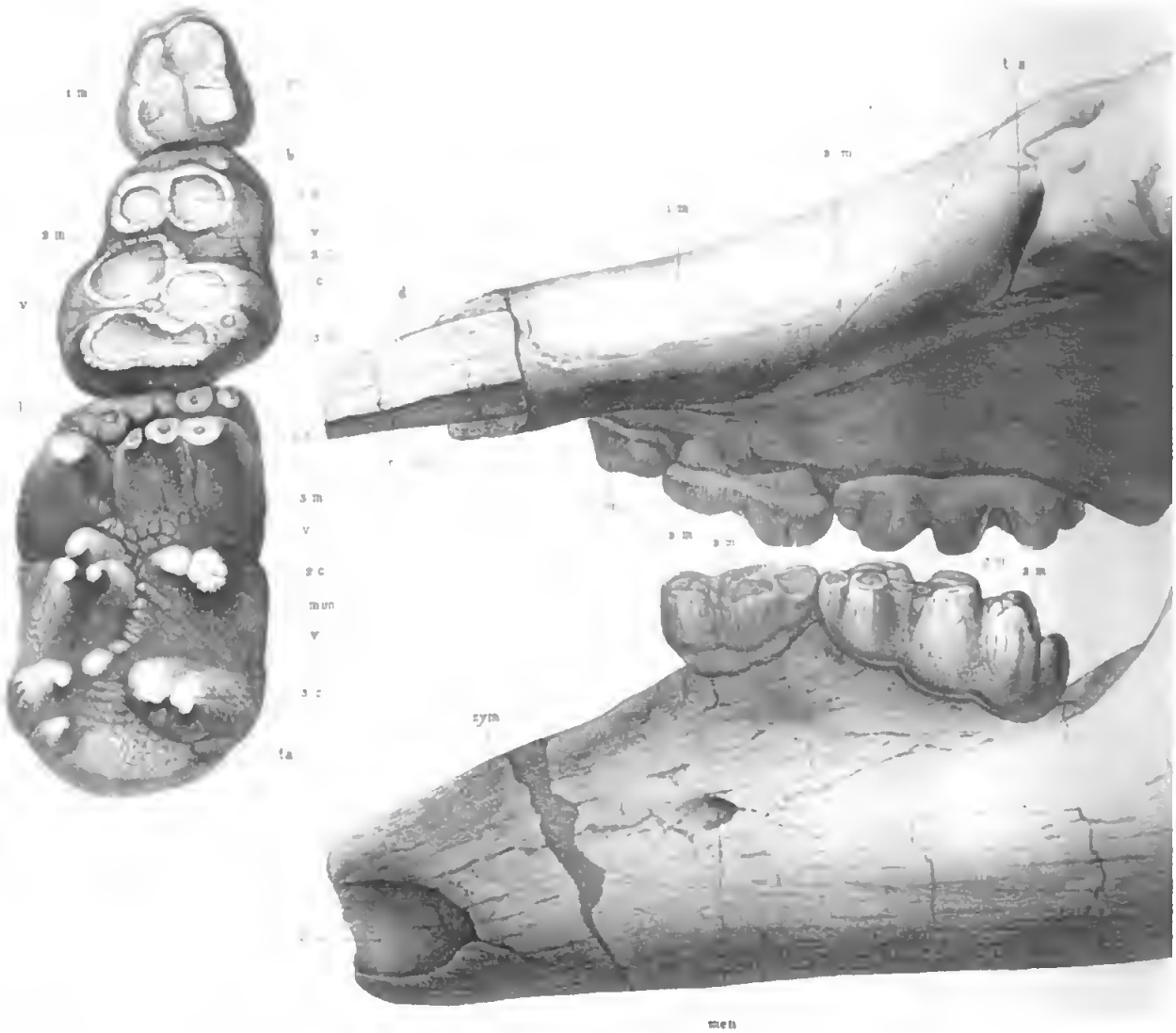


Nouveau genre d'édenté gigantesque.

Fig 1, 2, 4. à $\frac{1}{2}$ de la grandeur naturelle.
Fig 3 gr nat

Fig 2.



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Mastodon

Fig 1 aux $\frac{2}{3}$ de
Fig 2 et 3 gr

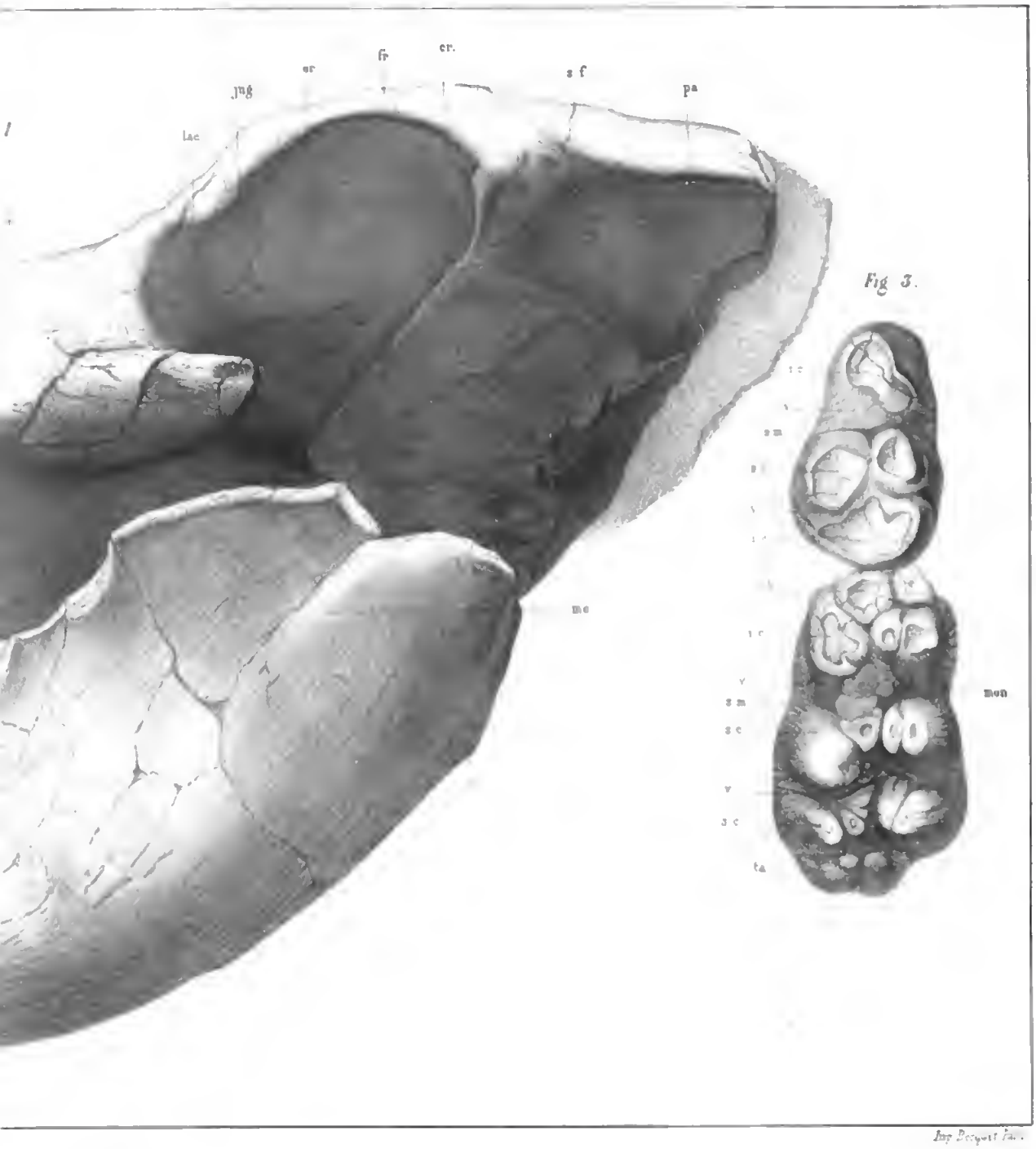

Fig. 3.

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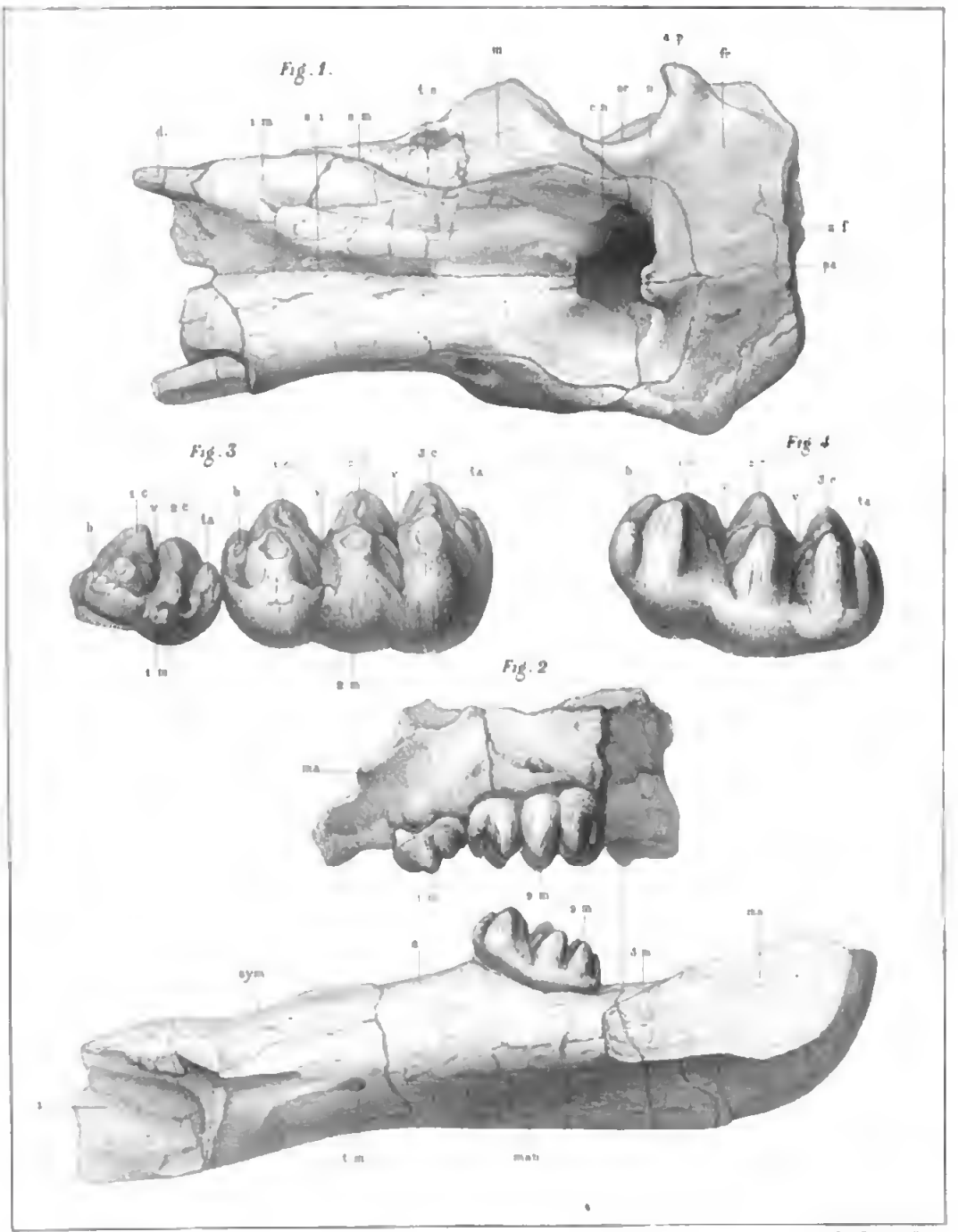
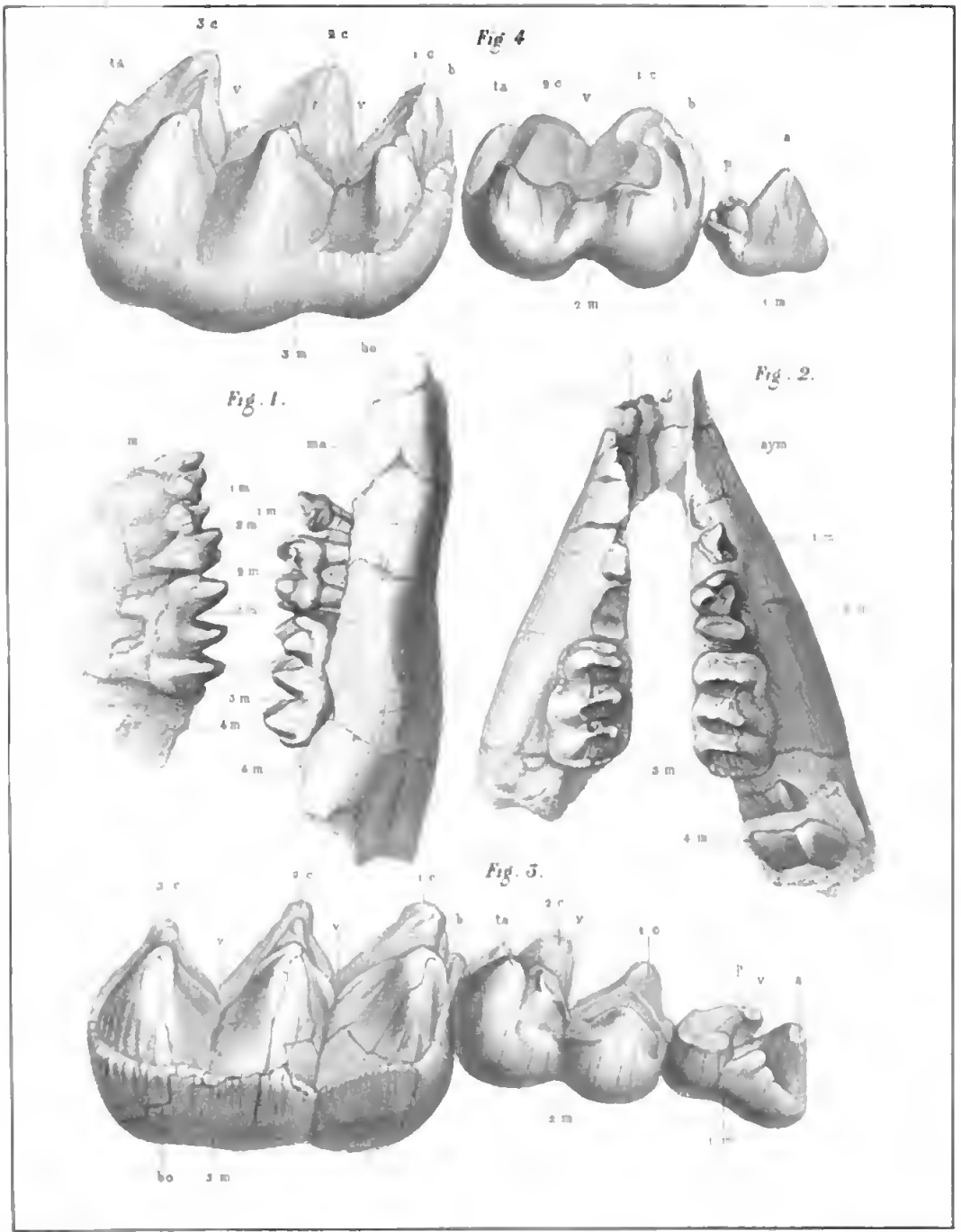
Gaud et Lart.

leur naturelle



Mastodon Pentelici

Fig 1 au $\frac{1}{4}$ de la grandeur naturelle
Fig 2 à $\frac{1}{5}$ de la gr nat
Fig 3 et 4 gr nat



Mastodon turicensis . *Schinz*

Fig 1 et 2 au $\frac{1}{3}$ de la grandeur naturelle
Fig 3 et 4 gr nat

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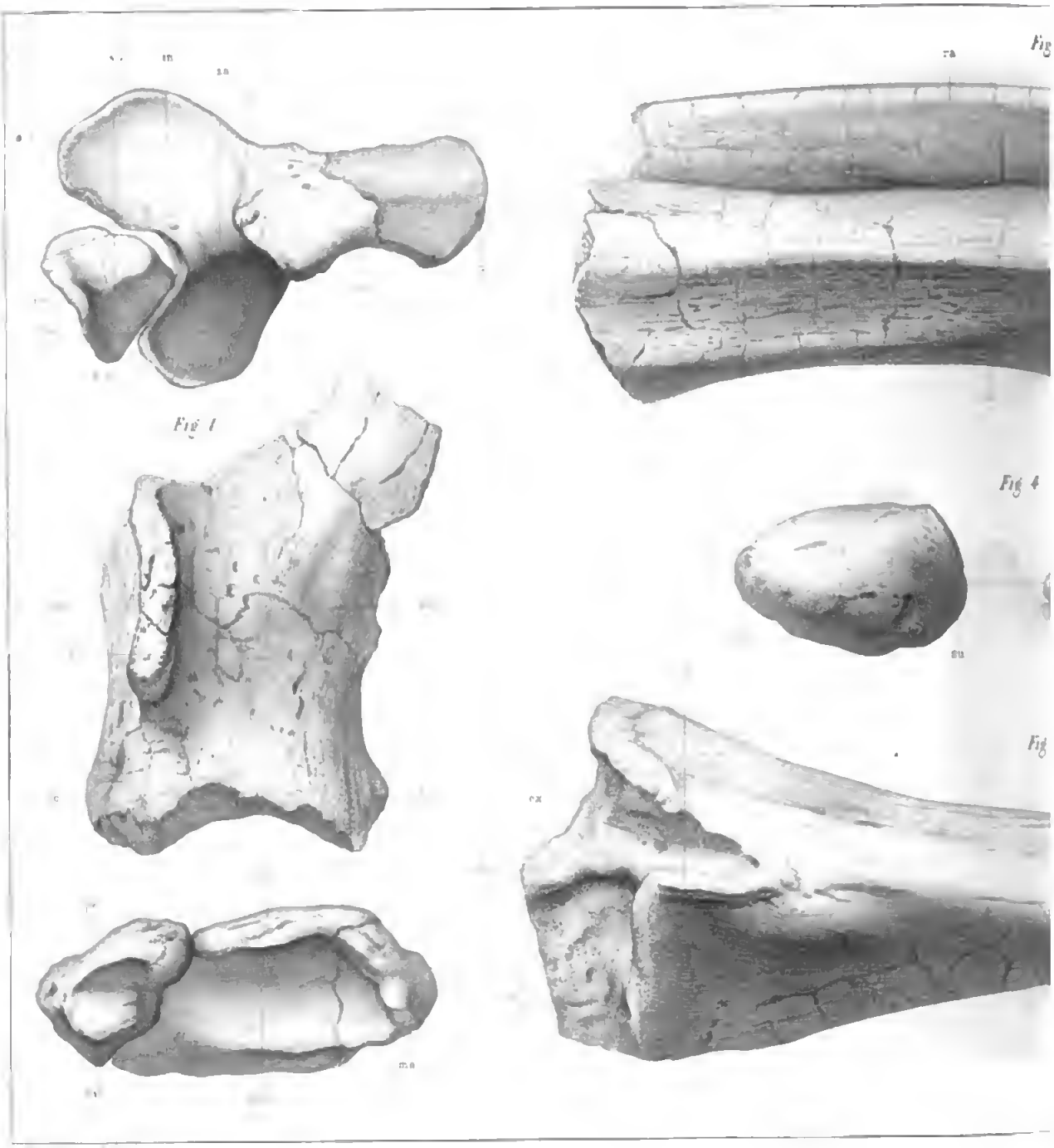

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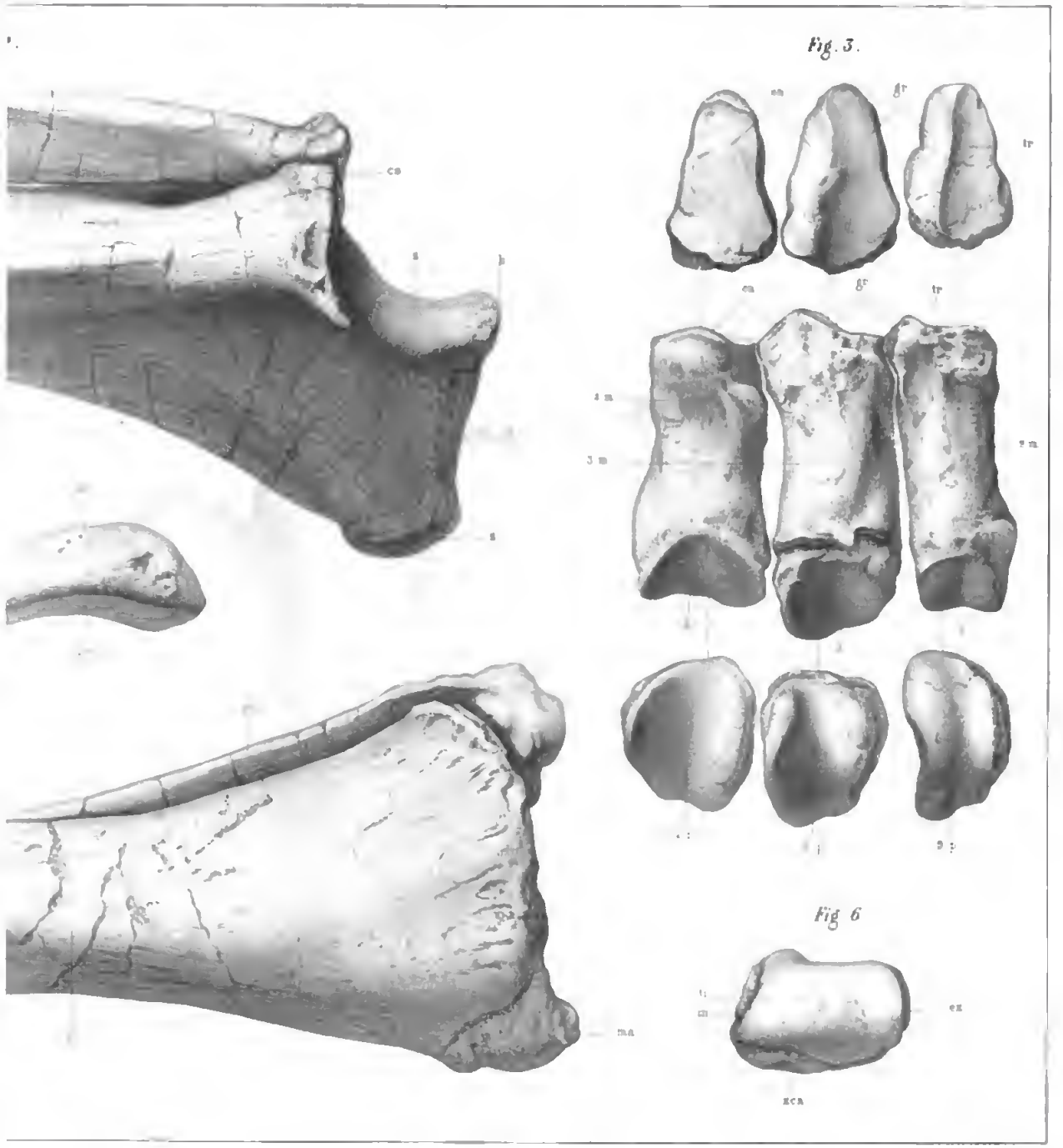

Imp. Becquet Paris

…leur naturelle

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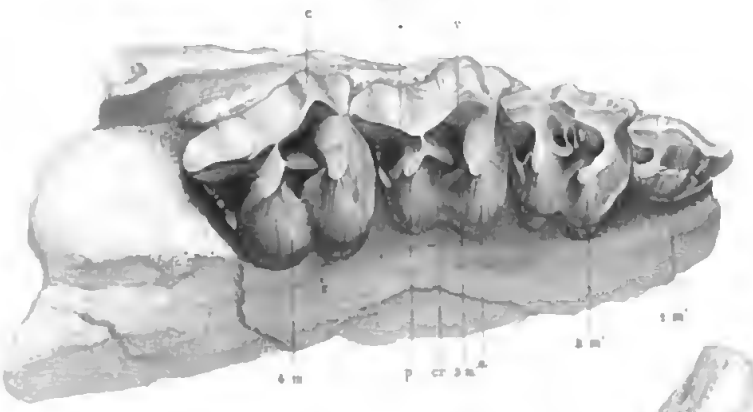
Fig. 1.



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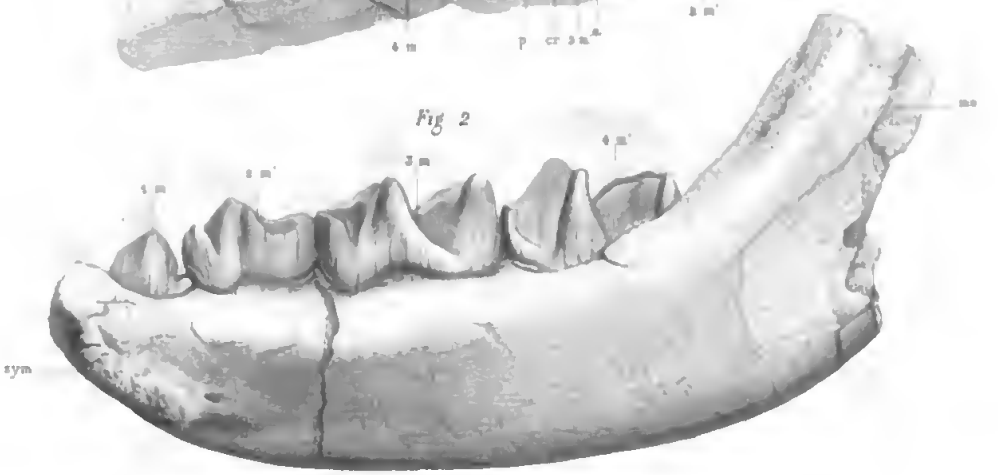

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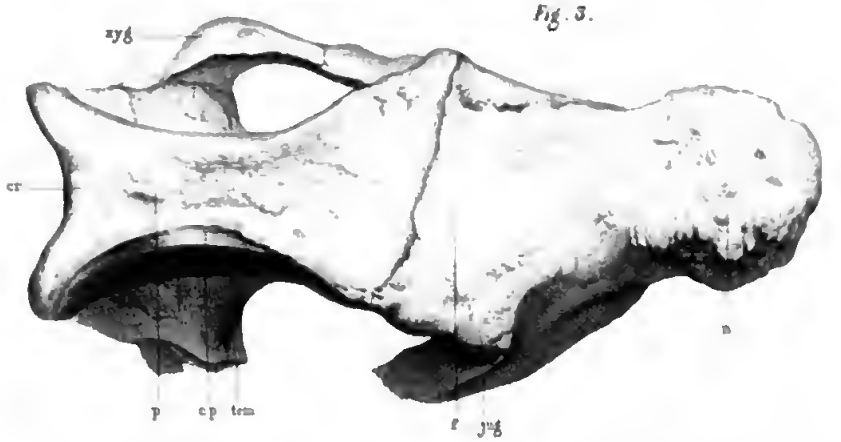

Formant del

Imp Becquet Paris

Rhinoceros pachygnathus. *Wagn*

Fig 1 et 2 aux $\frac{3}{4}$ de la grandeur naturelle
Fig 3 au $\frac{1}{3}$ de la gr nat.

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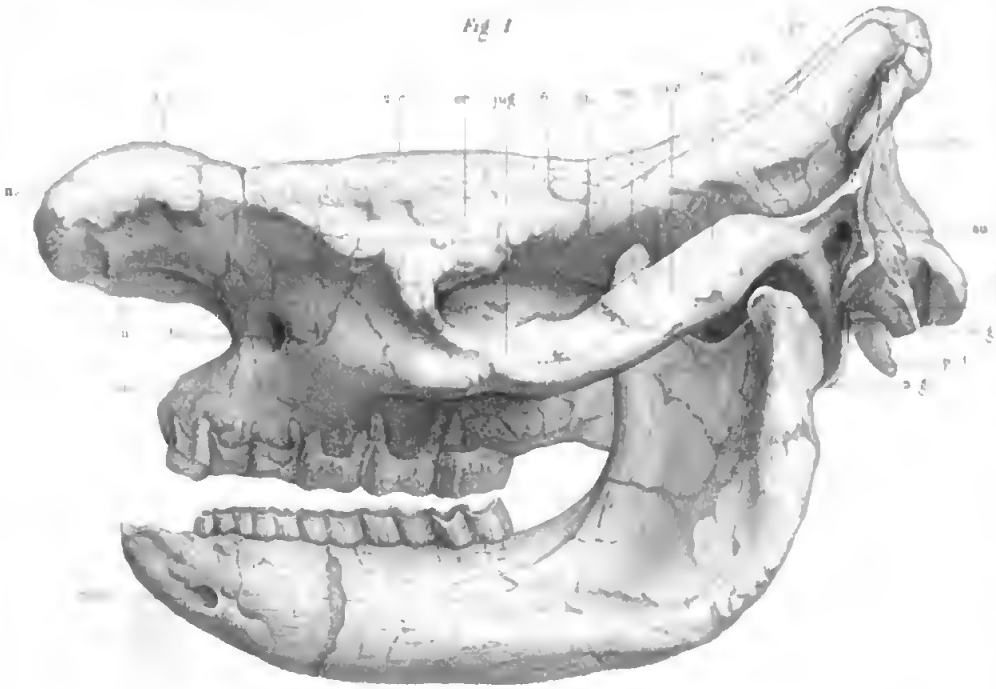
Fig. 1



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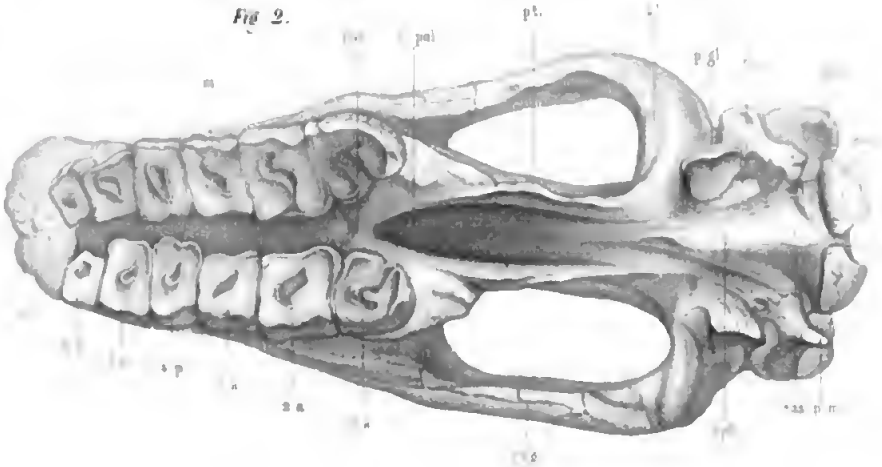
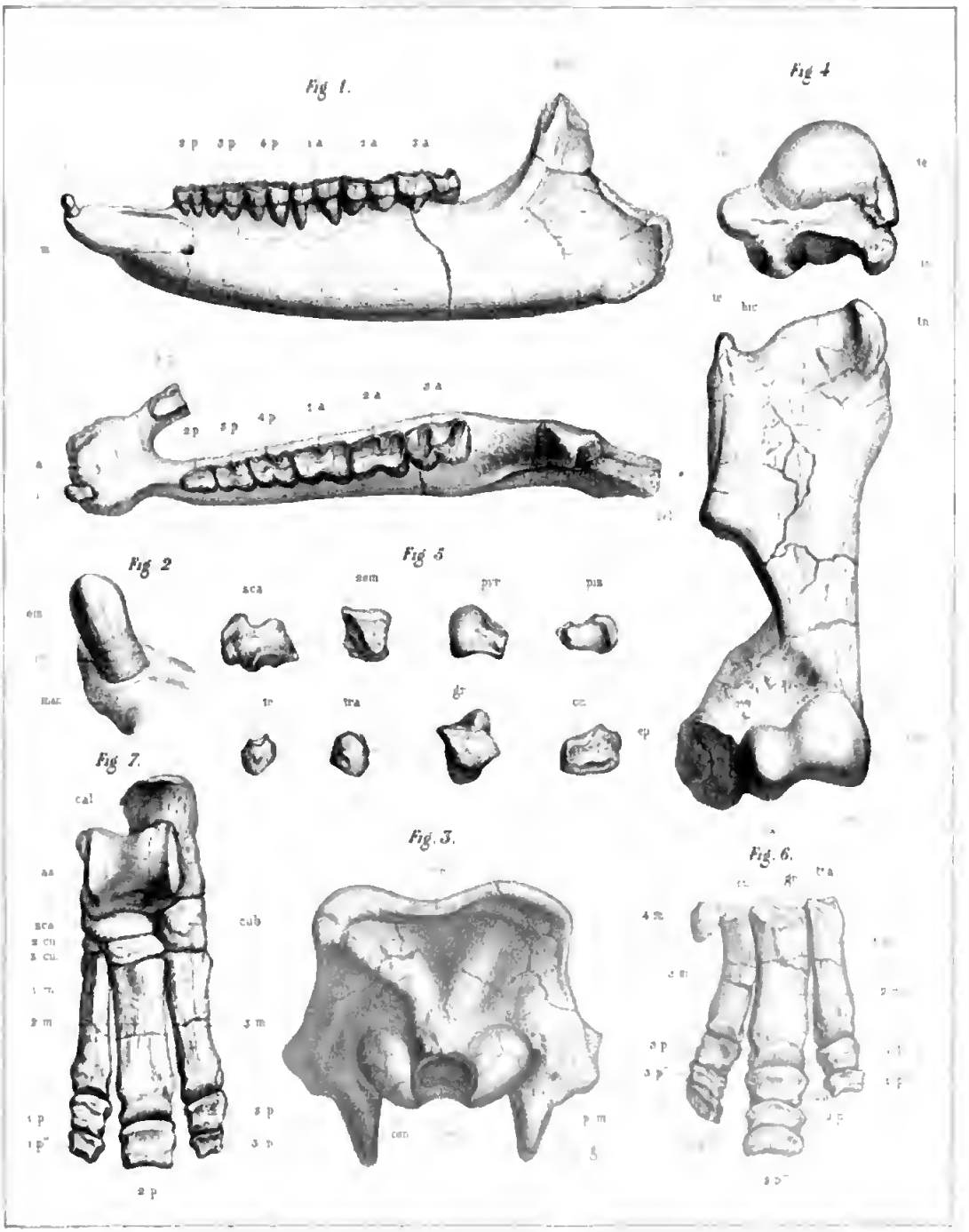


Germain del.

Imp. Becquet Paris

Rhinoceros pachygnathus.

au $\frac{1}{4}$ de la grandeur naturelle



Formant del.

Sphaerocerus pachygnathus

Fig. 1 et 3 au ¼ de la grandeur naturelle
Fig. 2 gr. nat.
Fig. 4, 5, 6 et 7 au ⅓ de la gr. nat.

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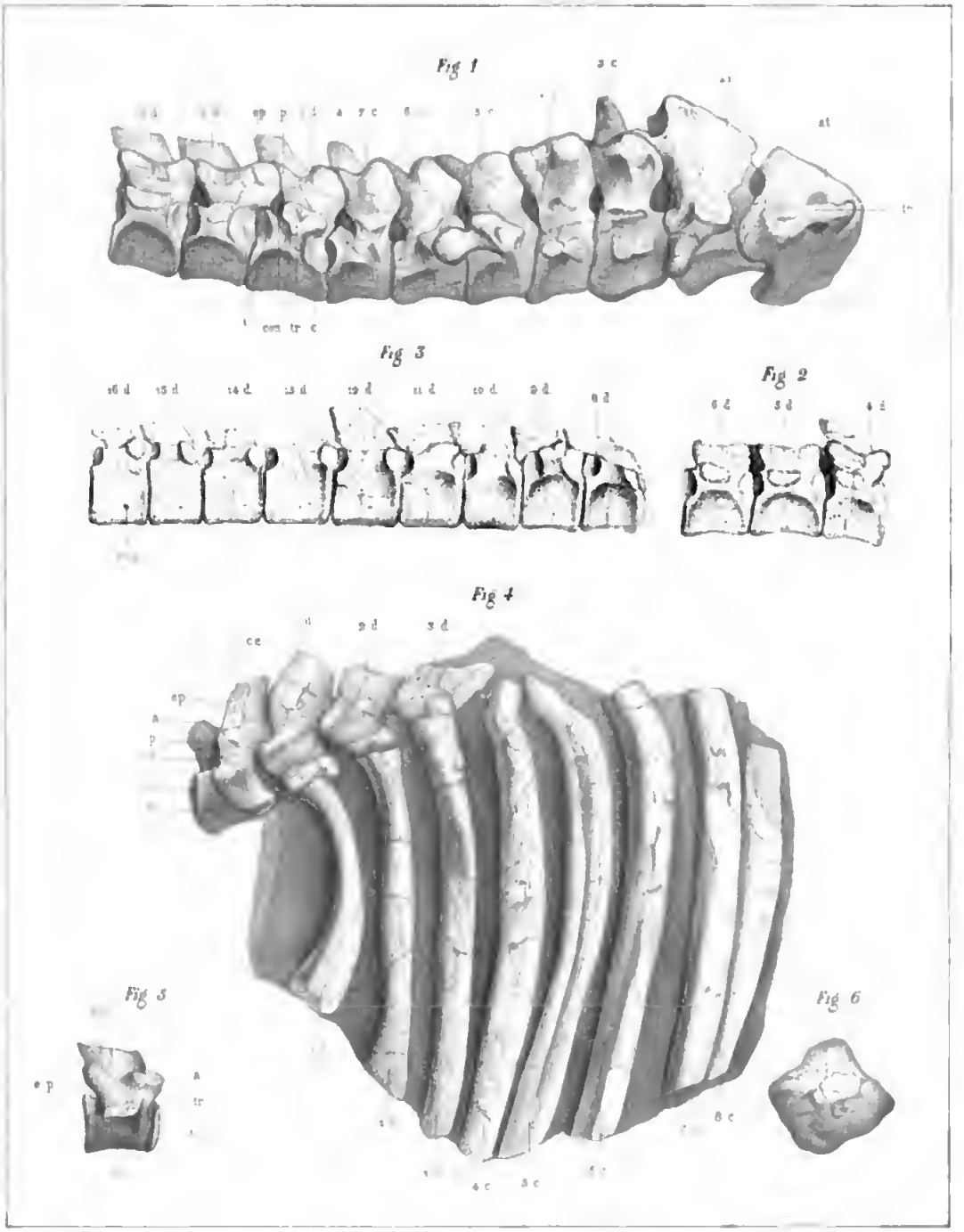

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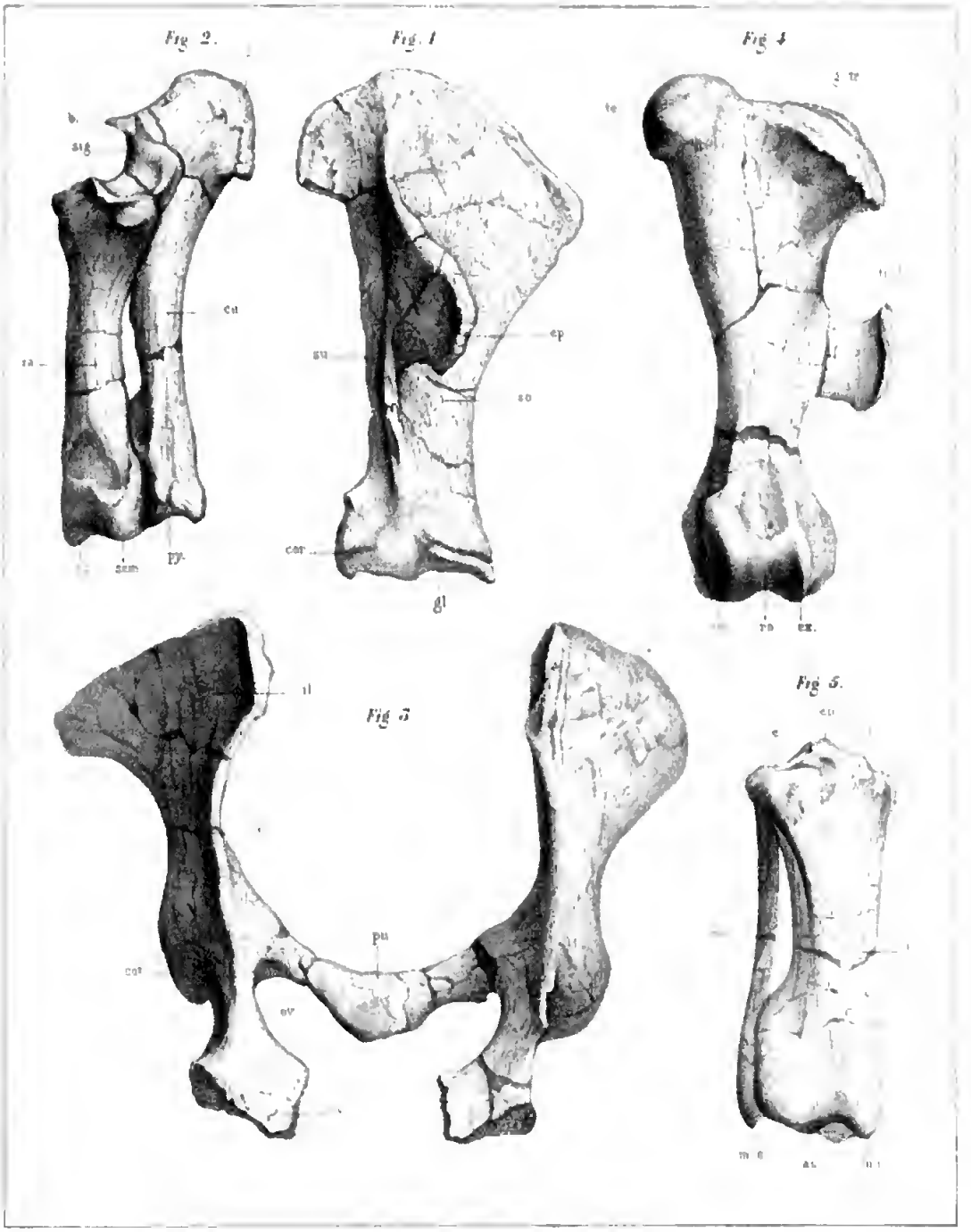
Imp. Becquet Paris

Rhinoceros pachygnathus

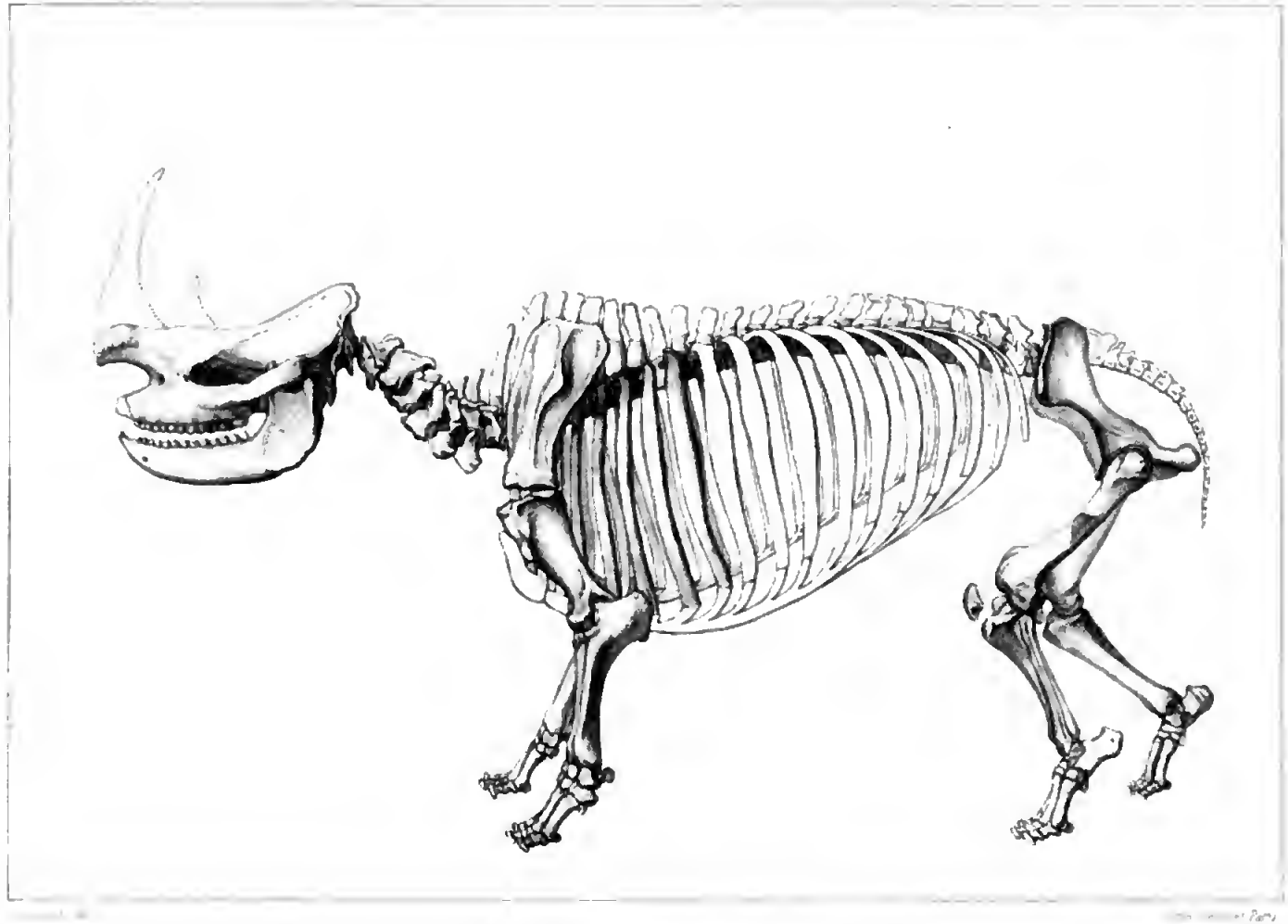
au $\frac{1}{3}$ de la grandeur naturelle



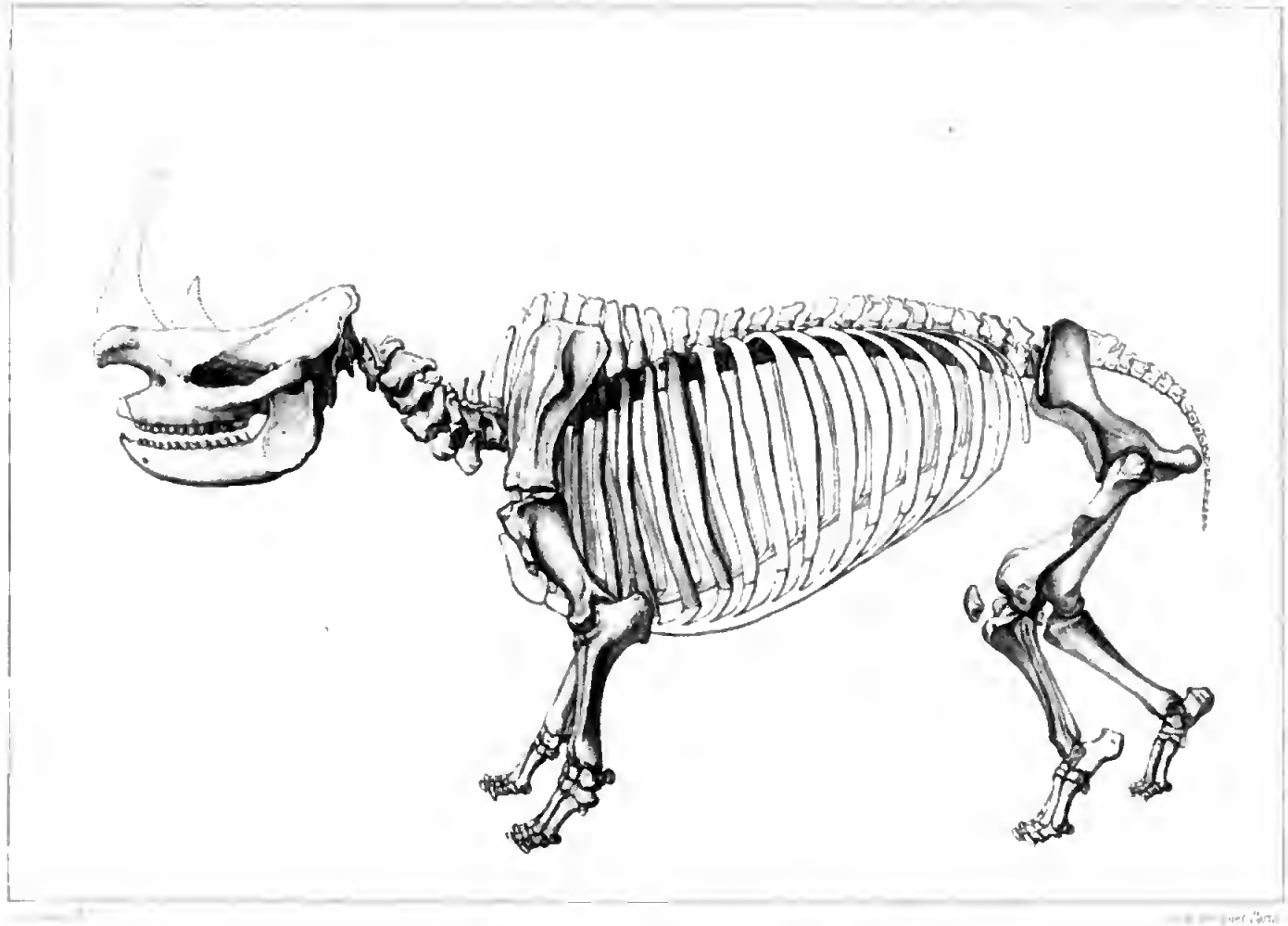
Formant del *Imp Becquet Paris*

Rhinoceros pachygnathus

au $\frac{1}{3}$ de la grandeur naturelle



au $\frac{1}{25}$ de la grandeur naturelle.



Rhinoceros pachygnathus

ar. $\frac{1}{10}$ de la grandeur naturelle.

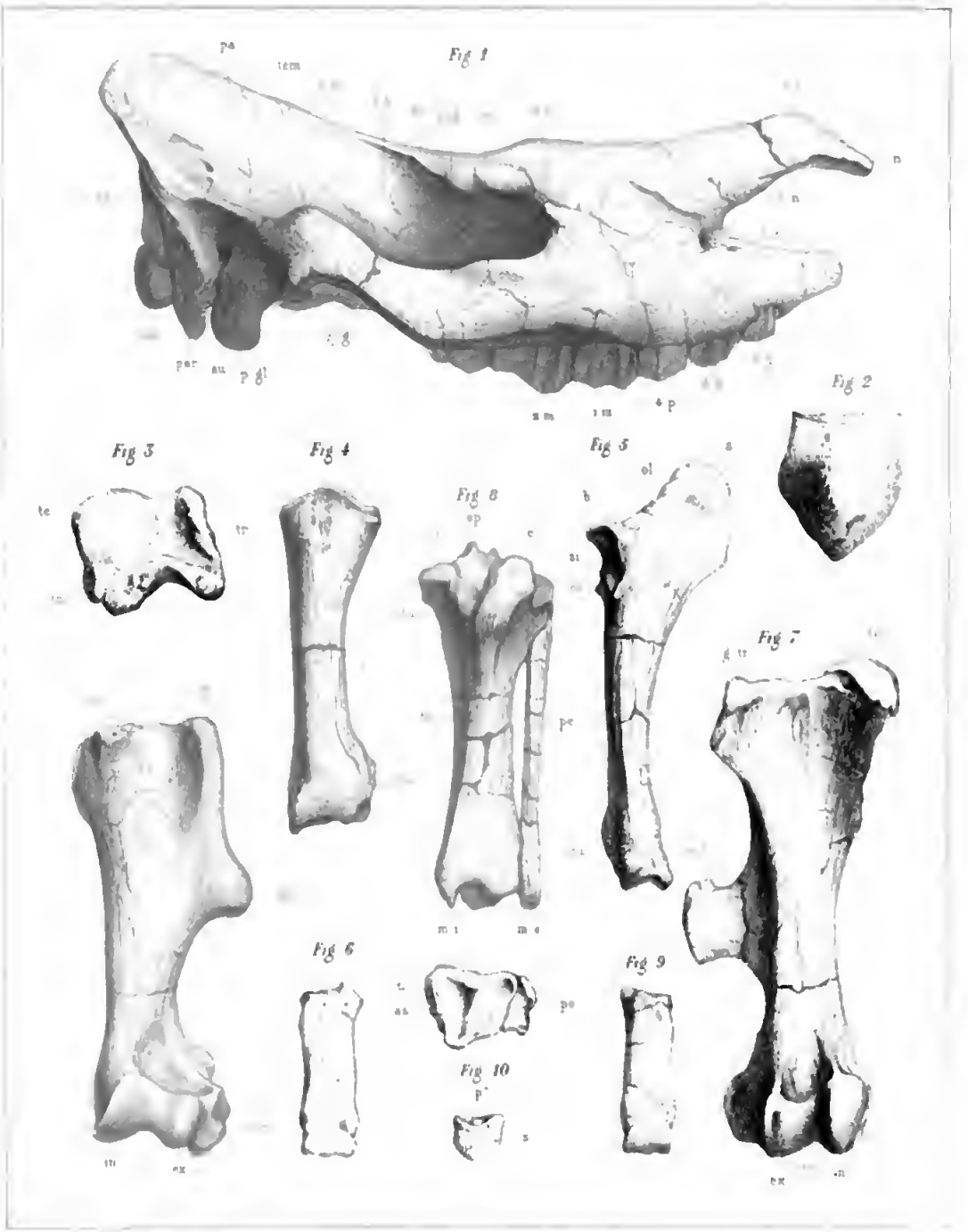


Fig 1
Fig 2
Fig 3
Fig 4
Fig 5
Fig 6
Fig 7
Fig 8
Fig 9
Fig 10

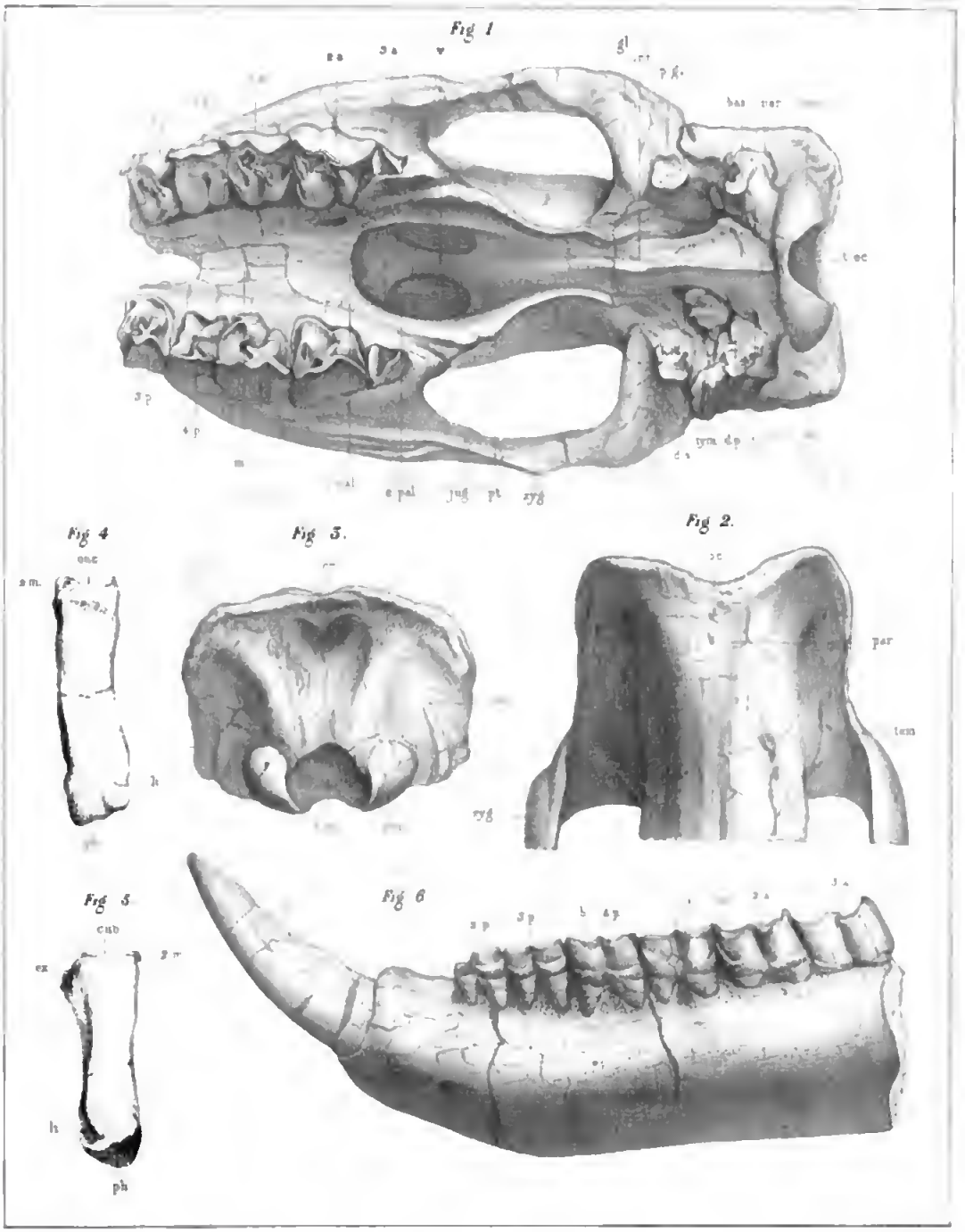


Fig 1 2 et 3 Rhinoceros ? d'espèce indéterminée. au $\frac{1}{4}$ de la grandeur naturelle

Fig 4 et 5 Autre Rhinoceros ? aux $\frac{2}{3}$ de la gr nat

Fig 6 Acerotherium ? au $\frac{1}{3}$ de la gr nat

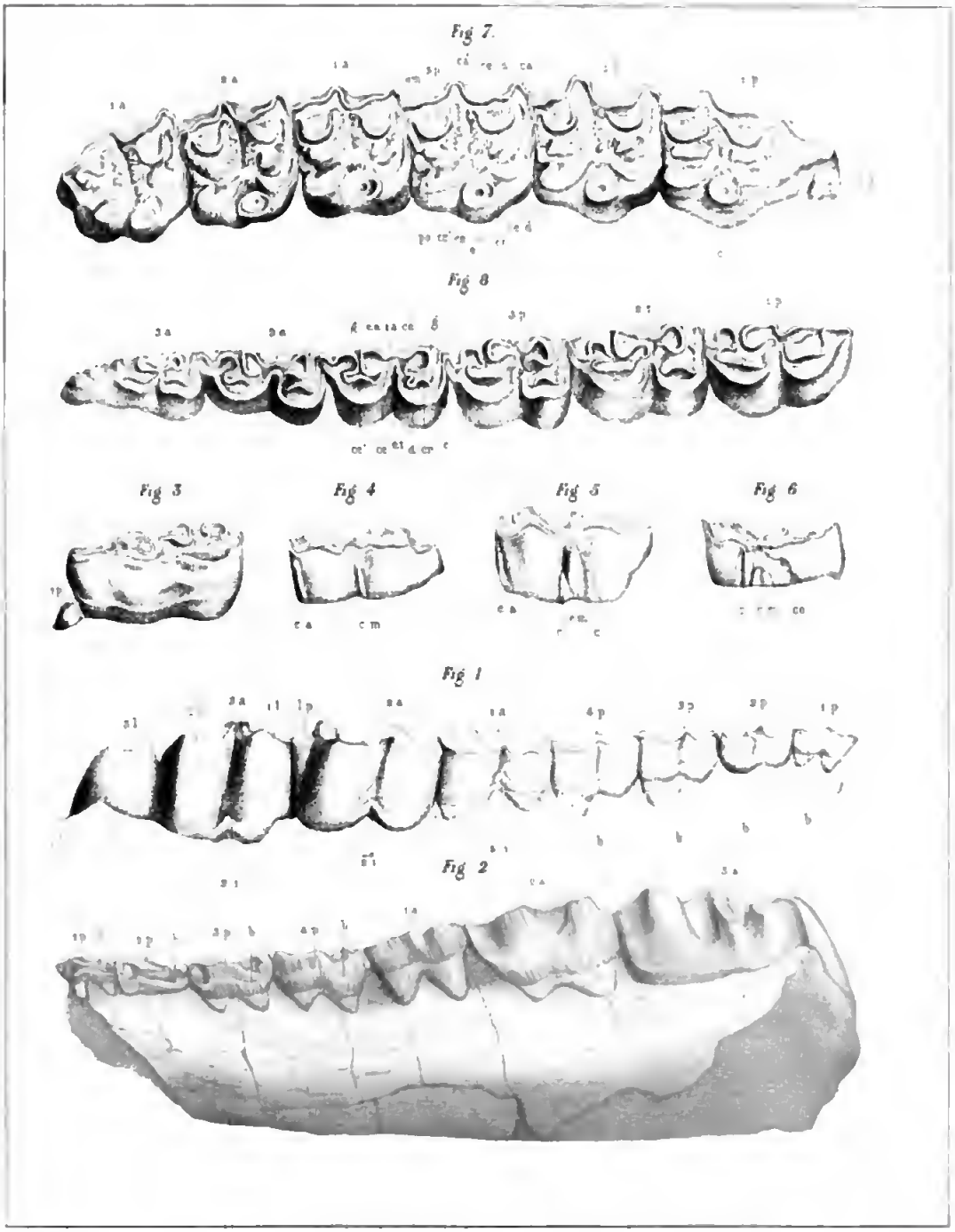


Fig 1 et 2 Leptodon græcus Gaud

Fig 3 4 5 6 7 et 8 Hipparion gracile de Christ

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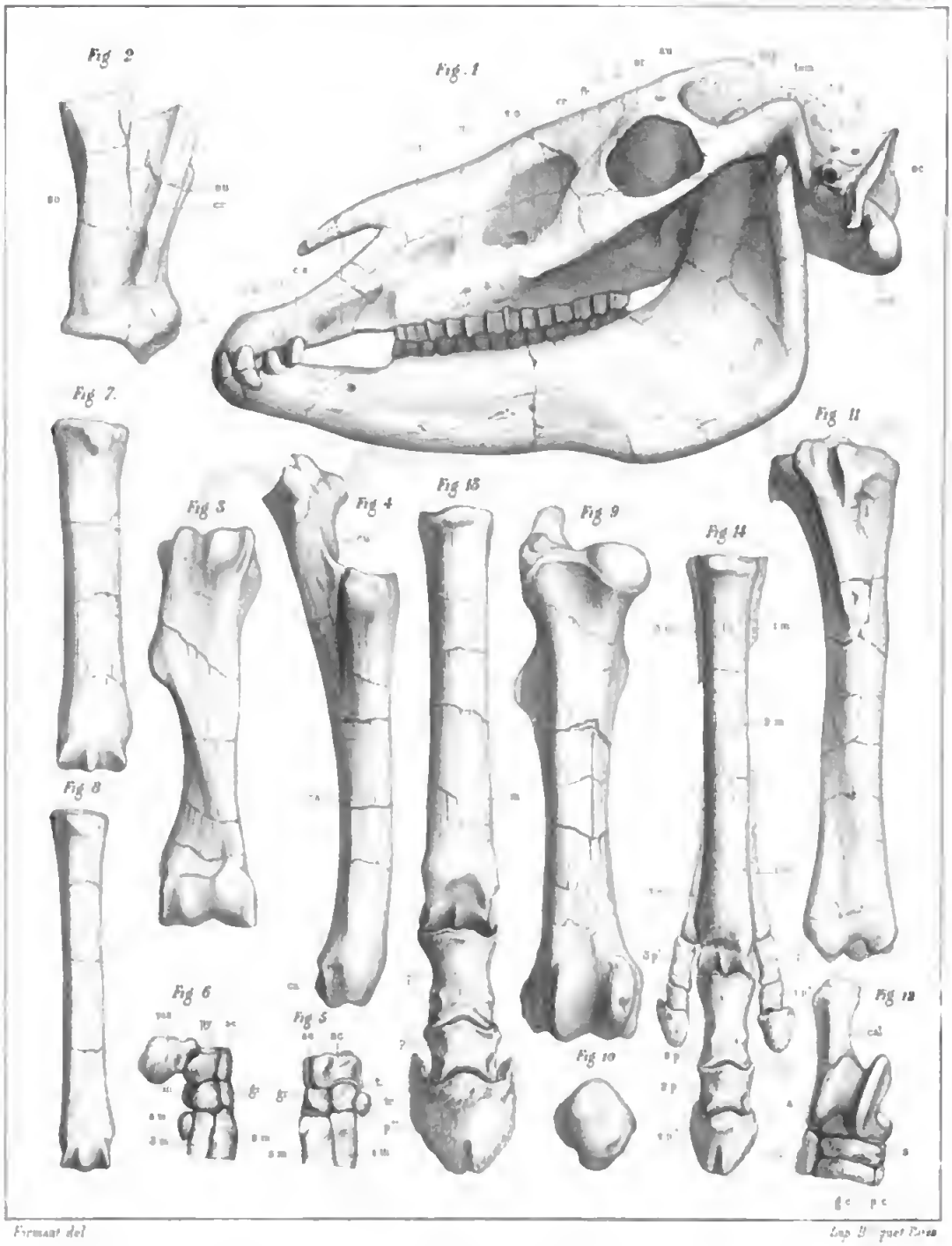

Formant del

Lap. Bequet Paris

Hipparion gracile

Les figures 2 7 et 13 sont de la variété à formes lourdes, les autres figures sont de la variété à formes grêles au $\frac{1}{3}$ de la grandeur naturelle

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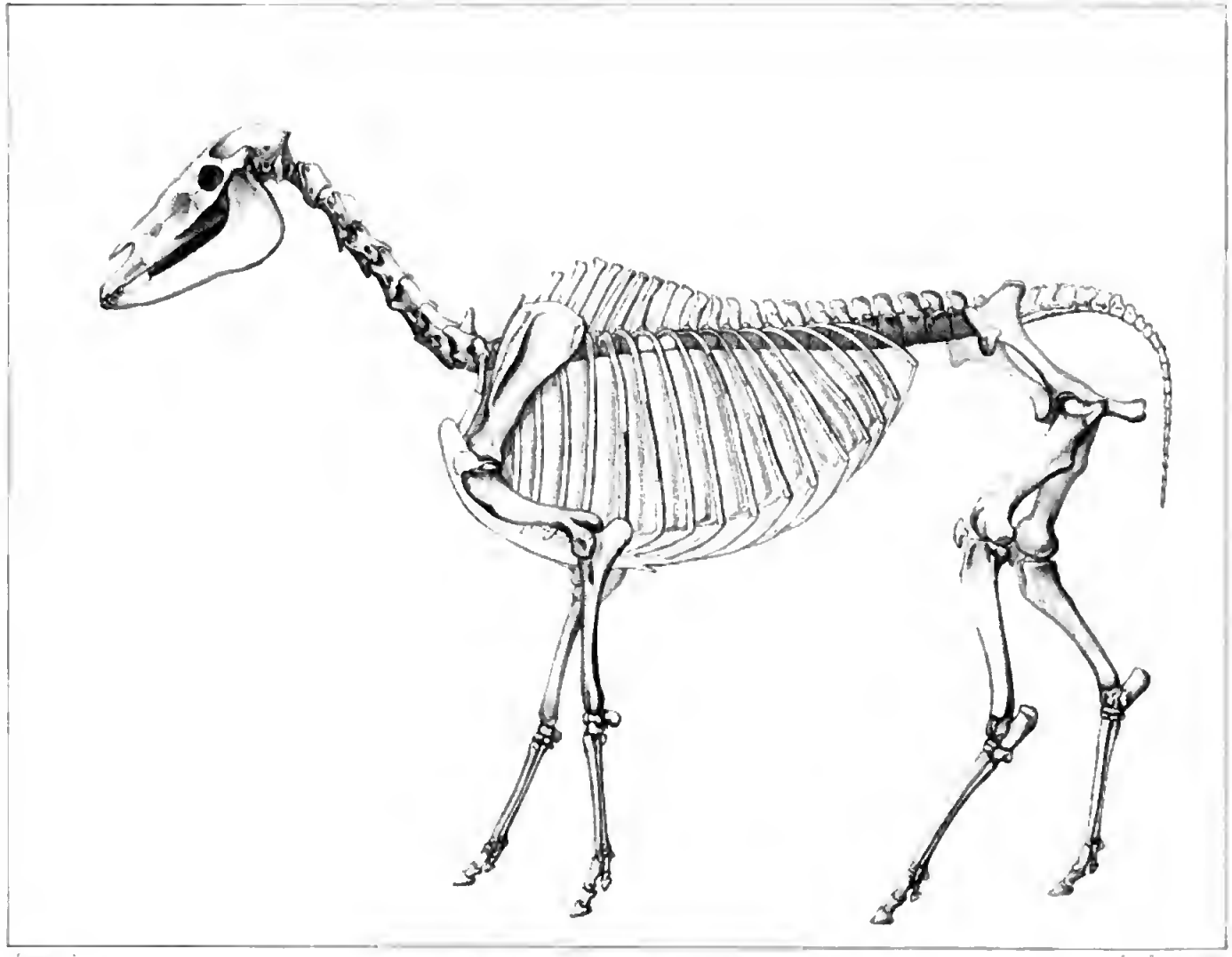

Hippaïon grande (Variété grêle)

au $\frac{1}{3}$ de la grandeur naturelle

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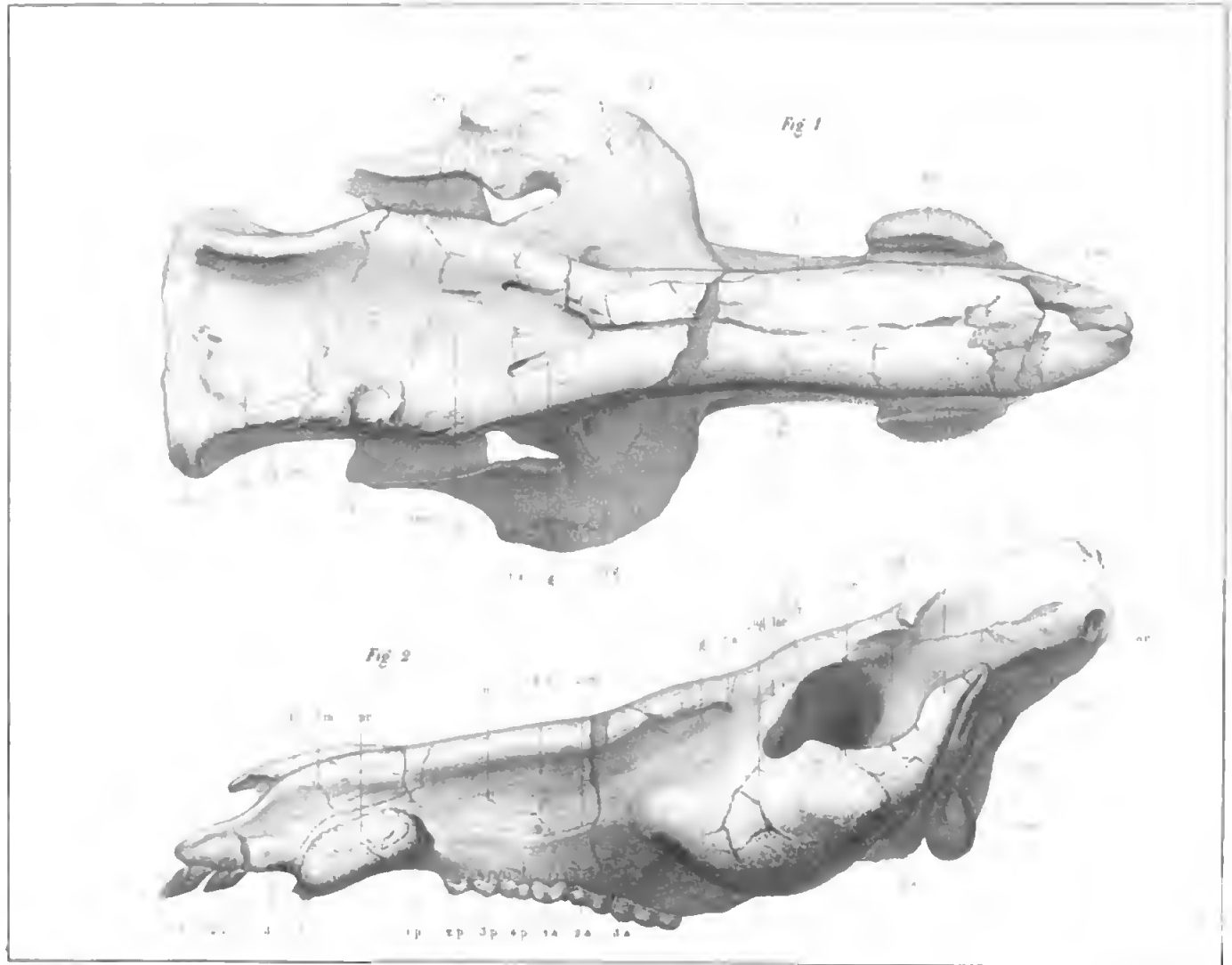

Sus erymanthus [illegible]

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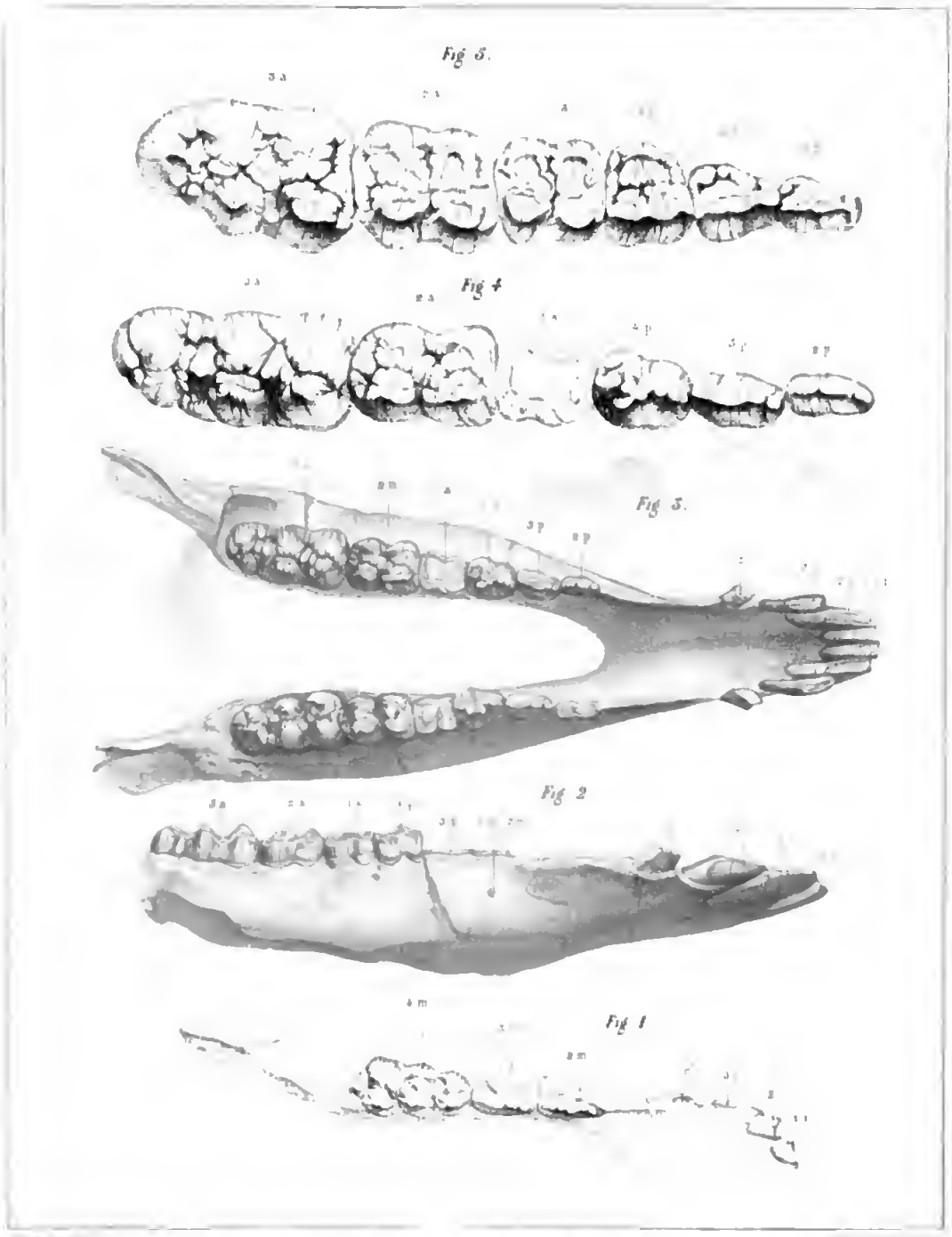
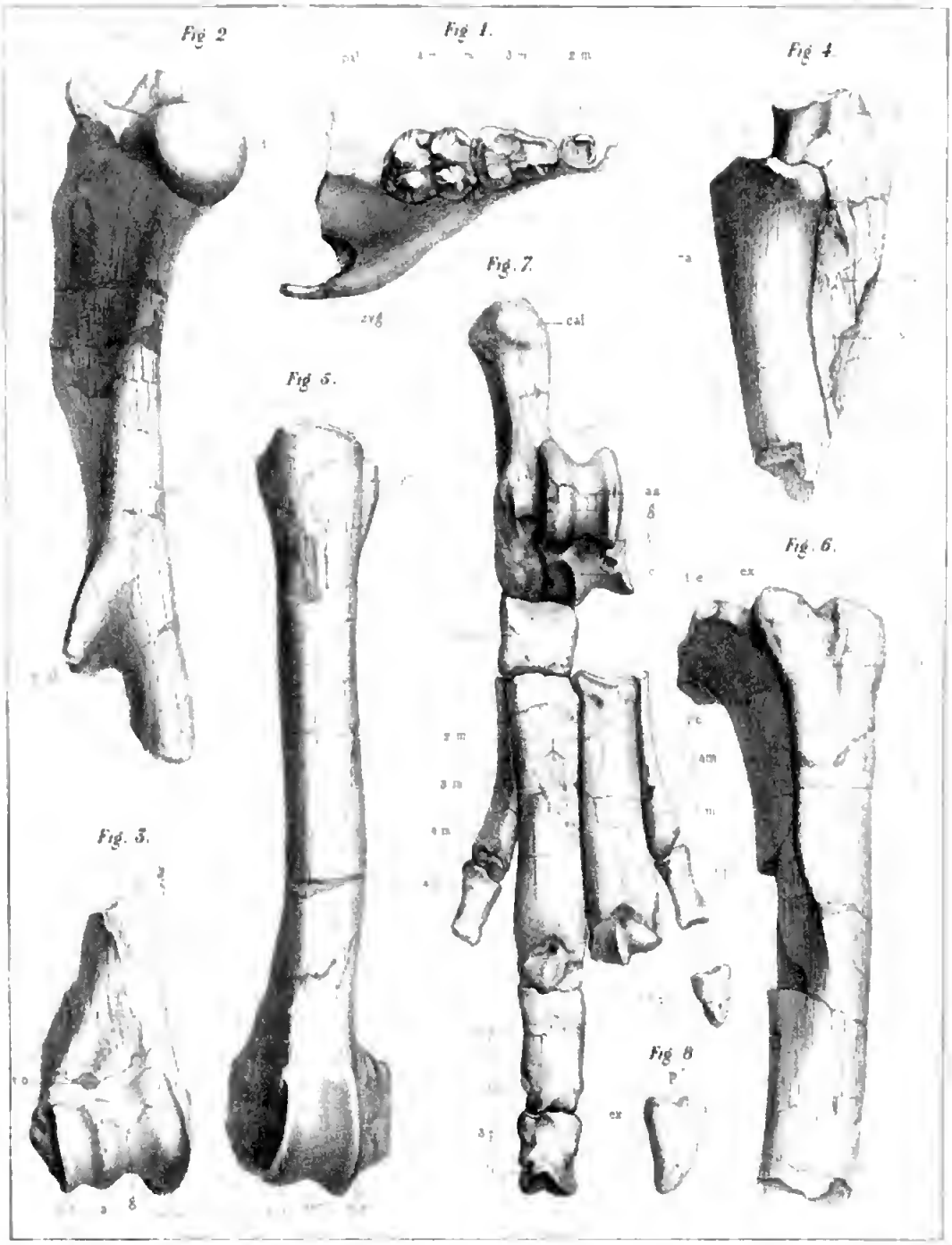
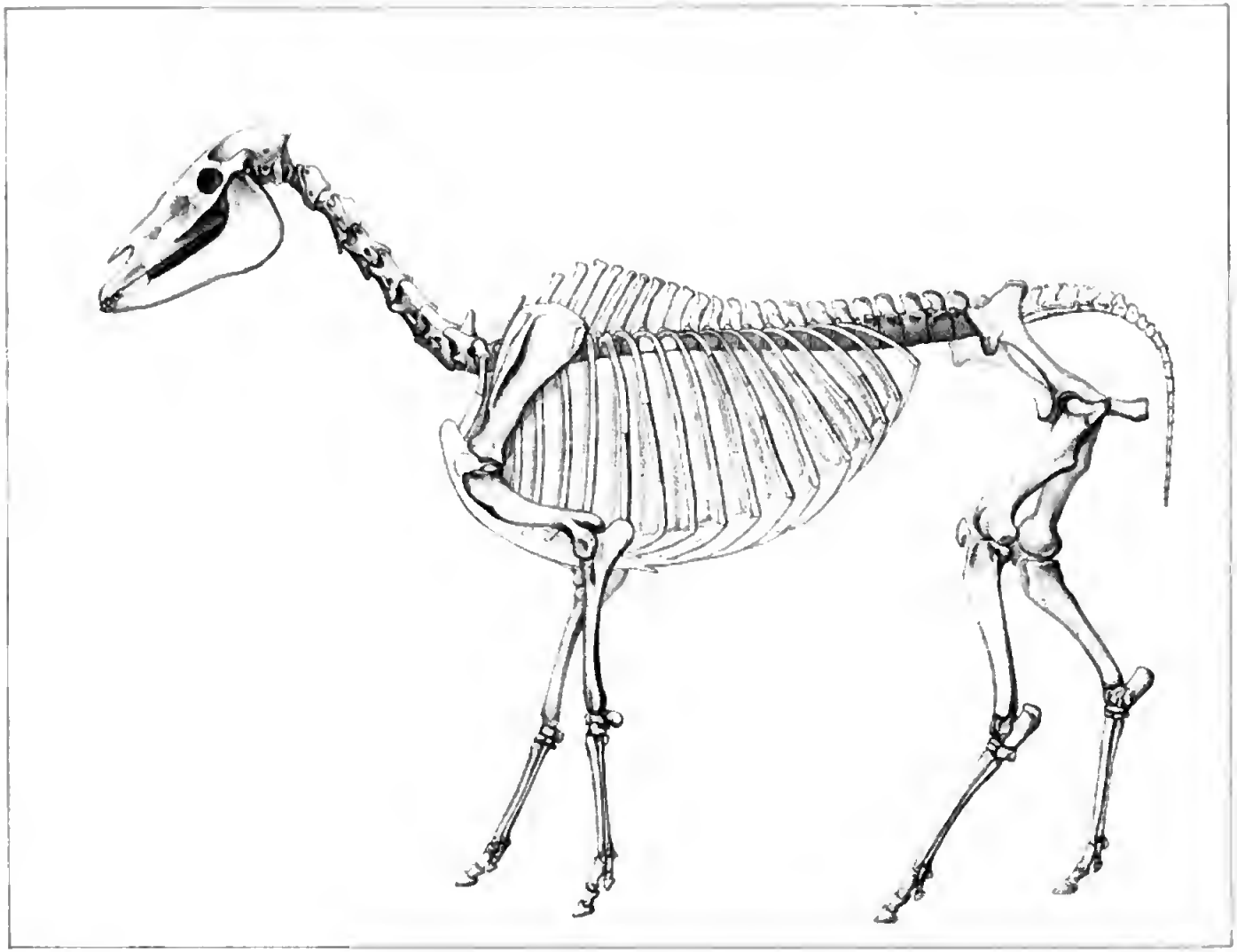


Sus erymanthius.

Les figures 1, 4, 5 et 6 sont de grandeur naturelle. Les figures 2 et 3 sont à $\frac{1}{2}$ de la gr nat

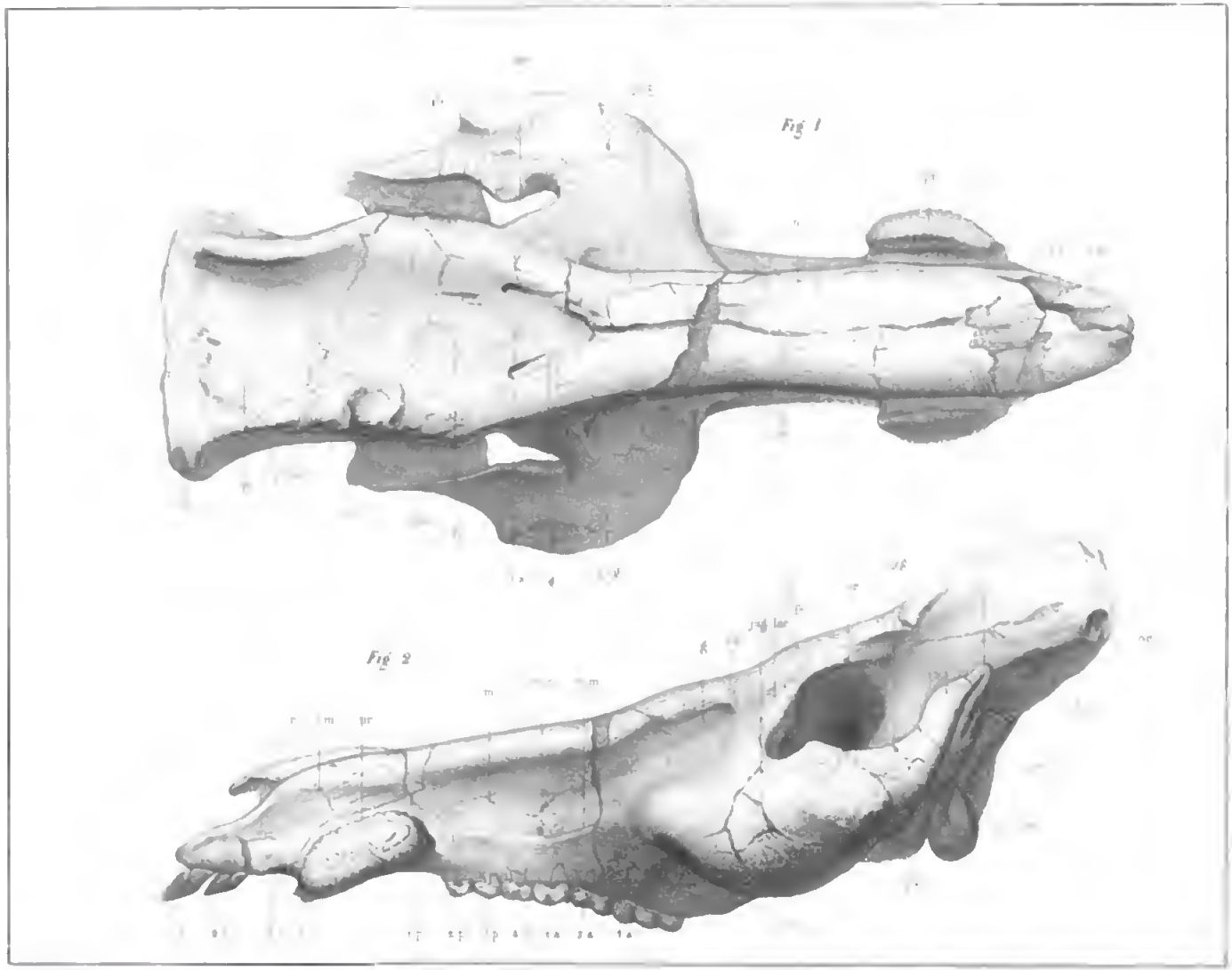


La figure 1 est de grandeur naturelle, les autres sont a $\frac{1}{2}$ de la gr nat



Hippurion gracile (Variété grêle)

a. $\frac{1}{3}$ de la grandeur naturelle



Sus erymanthus [illegible]

an $\frac{1}{2}$ [illegible]

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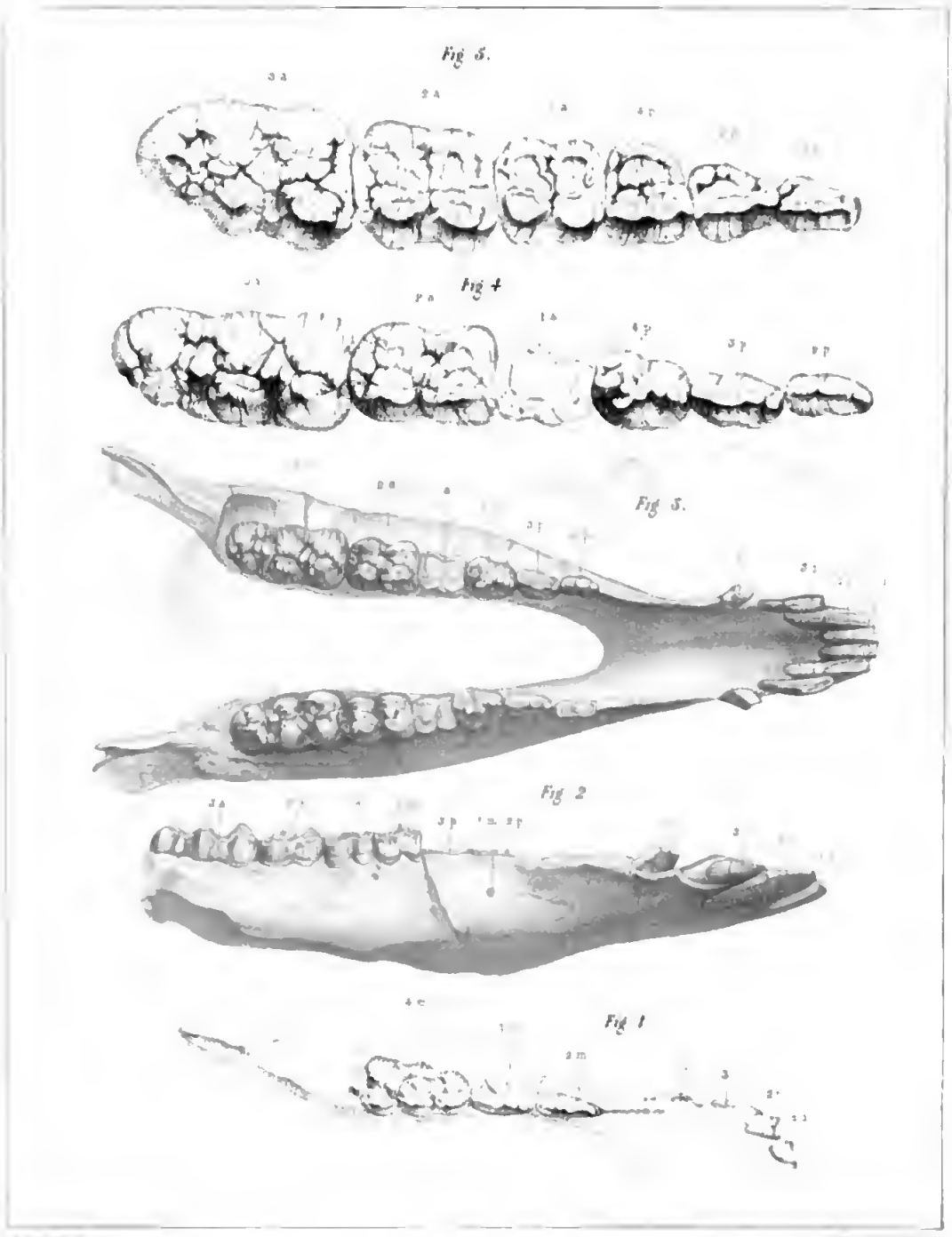

Sus erymanthius.

Les figures 1 4 [illegible] grandeur naturelle, les figures 2 et 3 sont à $\frac{1}{2}$ de la gr. nat.

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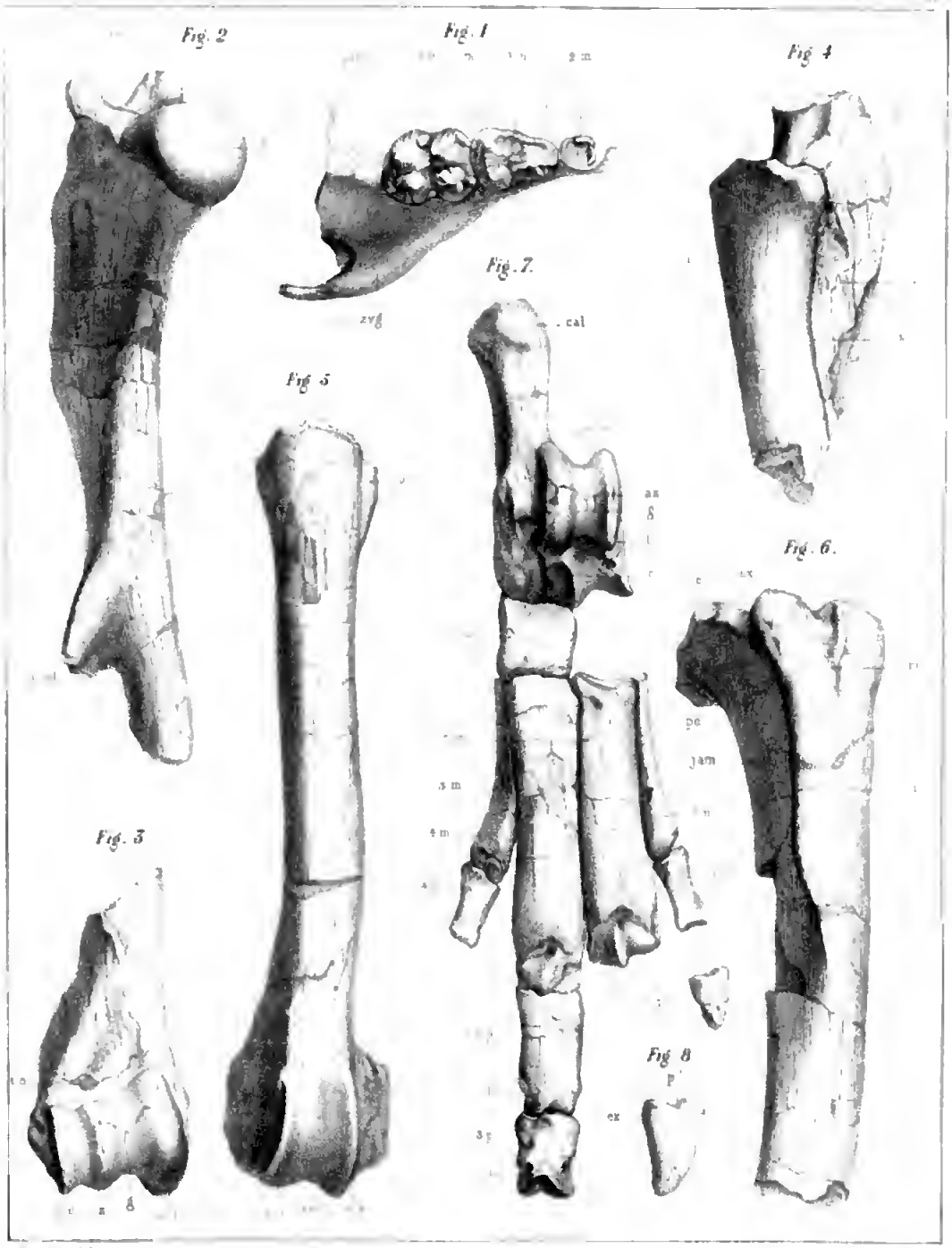
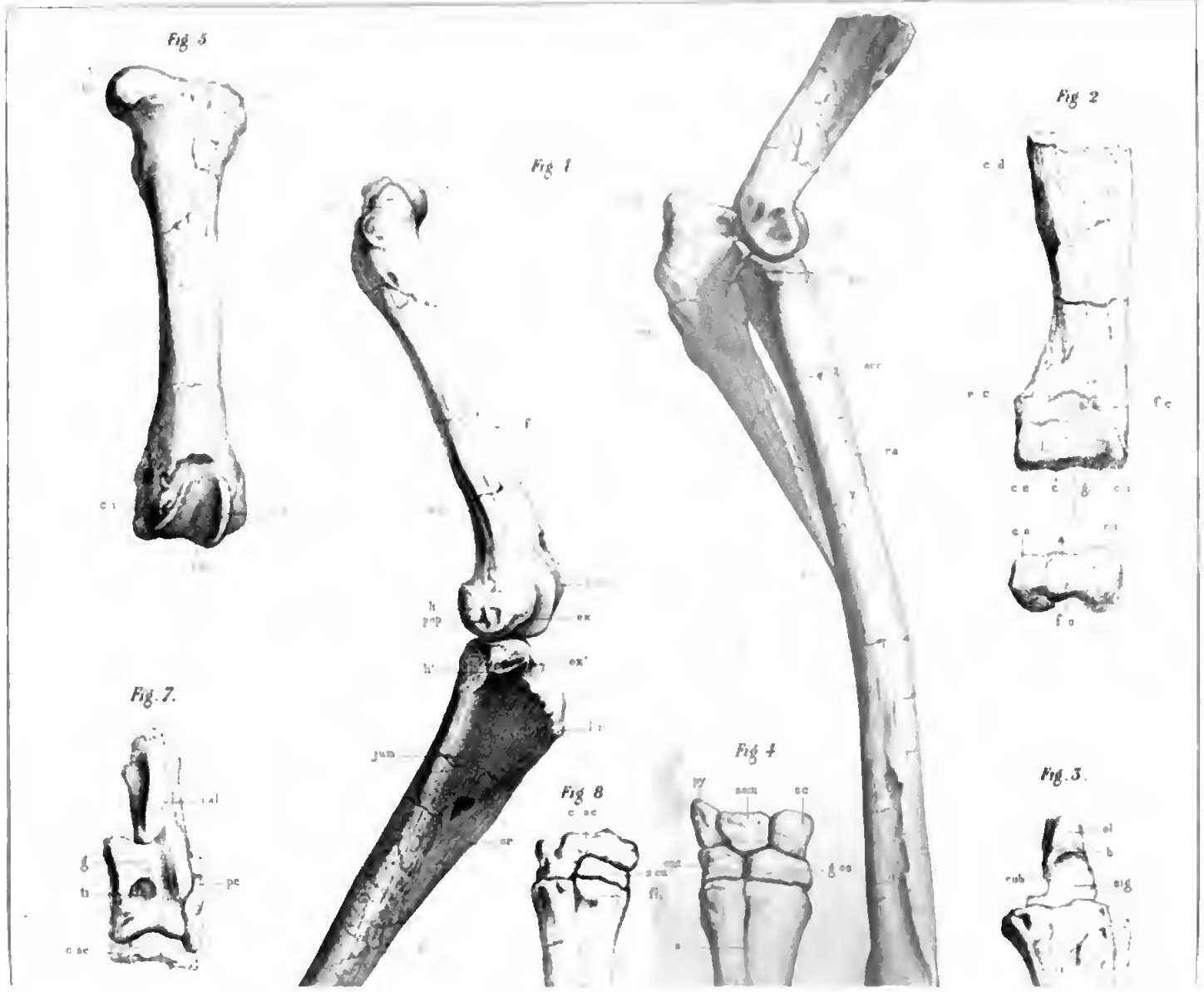


La figure 1 est de grandeur naturelle les autres sont a $\frac{1}{2}$ de la gr nat



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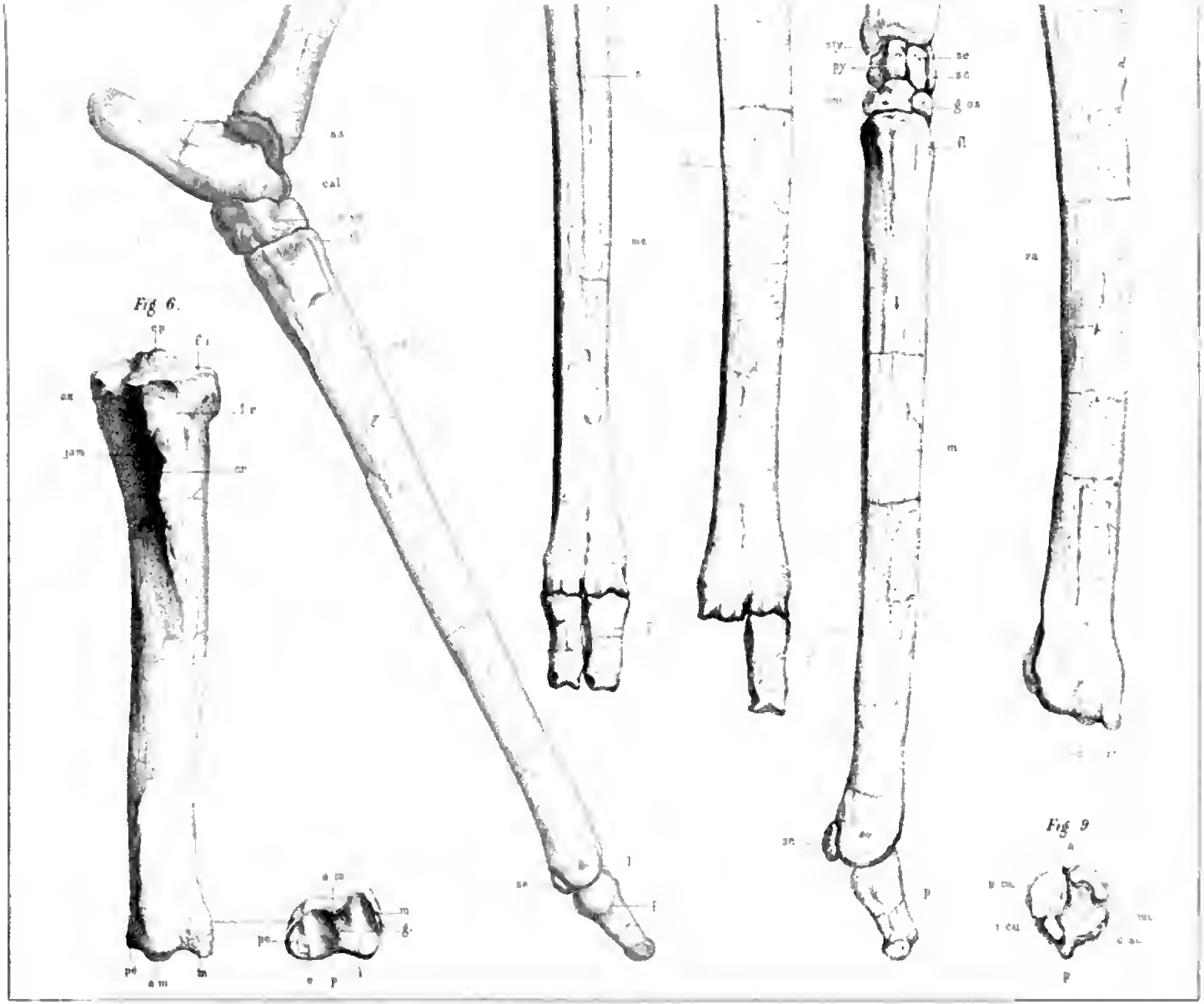
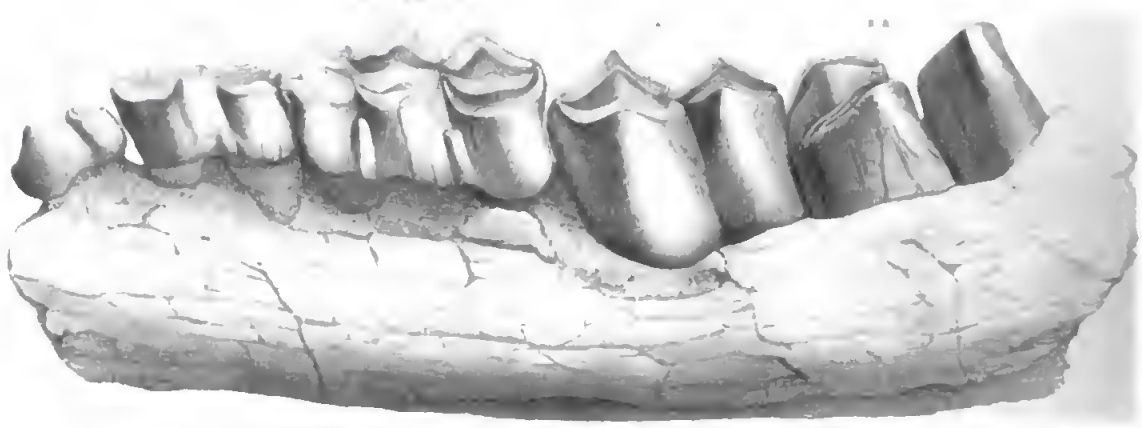


Camelopardalis attica. *Gaud. et Lart*

aux $\frac{2}{5}$ de la grandeur naturelle.

Fig. 3



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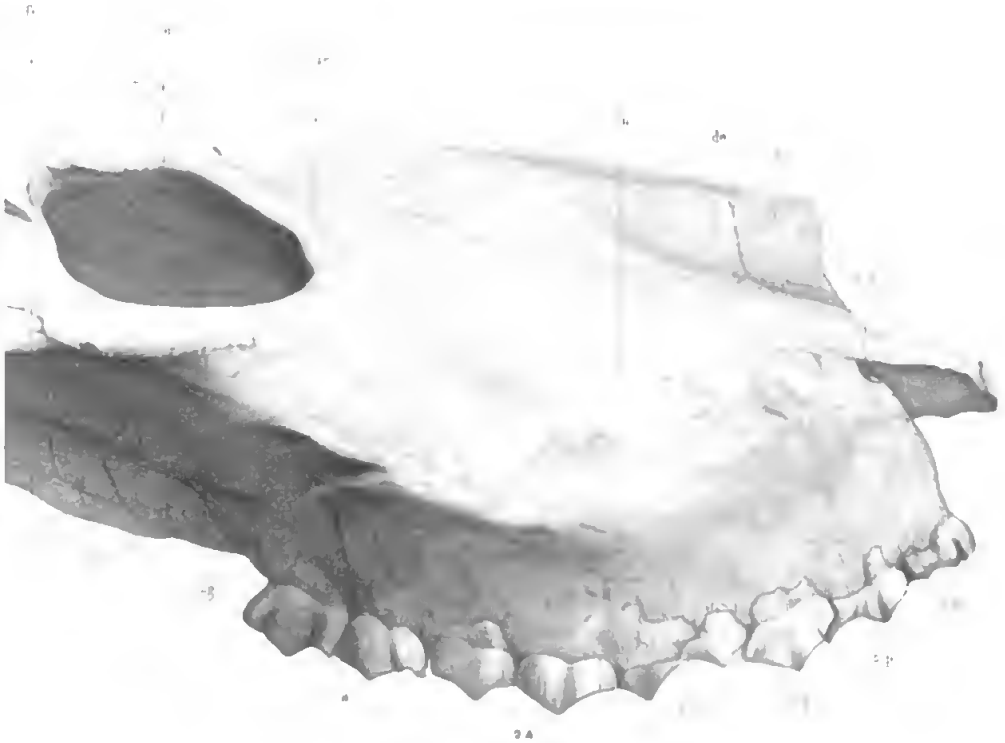

Fig 1

Fig 2.

Imp. Becquet Paris

[illegible] Gaud

[illegible] les figures 2 et 3 sont de gr nat

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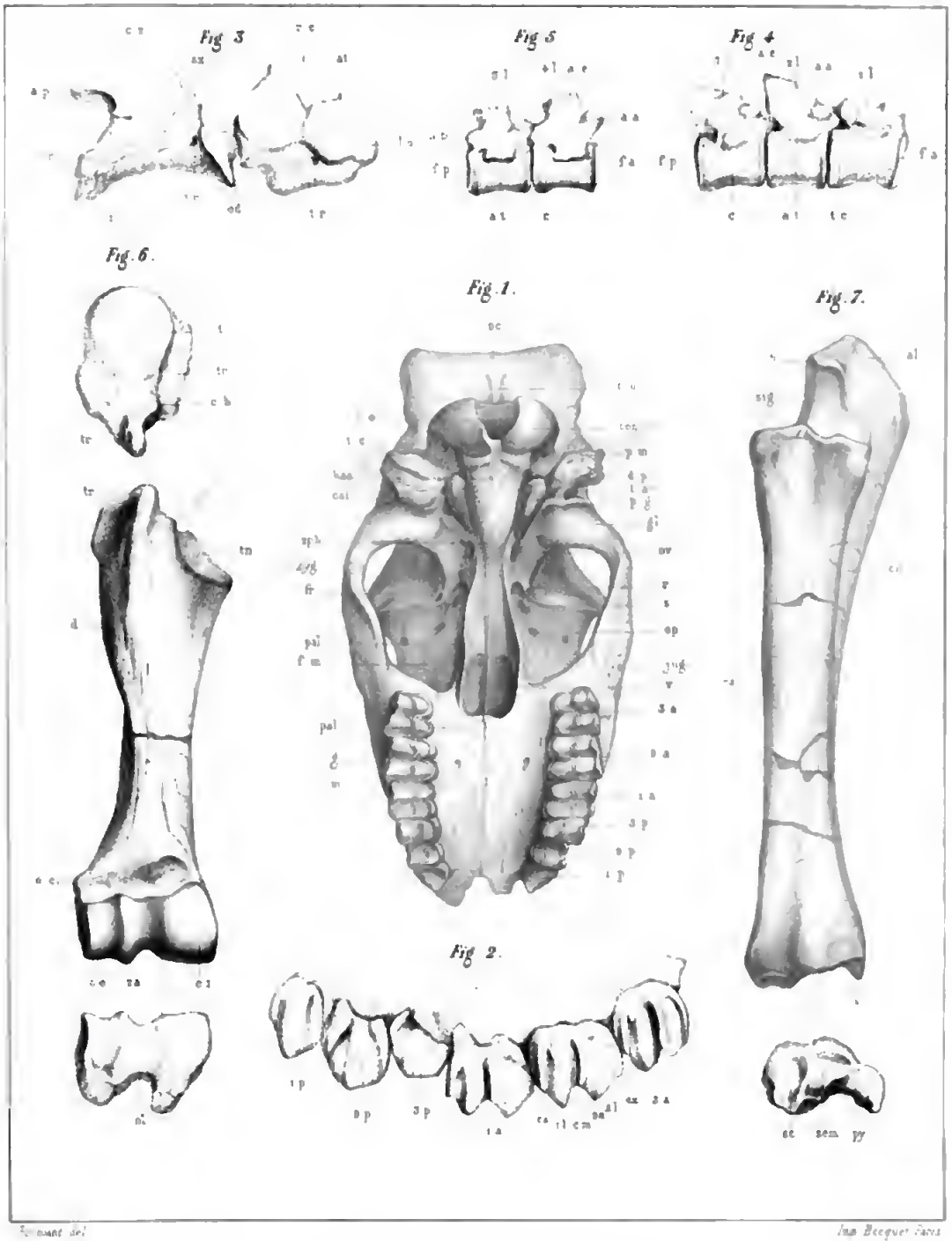

Helladotherium Duvernoyi.

La figure 2 est aux $\frac{2}{3}$ de la grandeur naturelle, les autres figures sont au $\frac{1}{5}$

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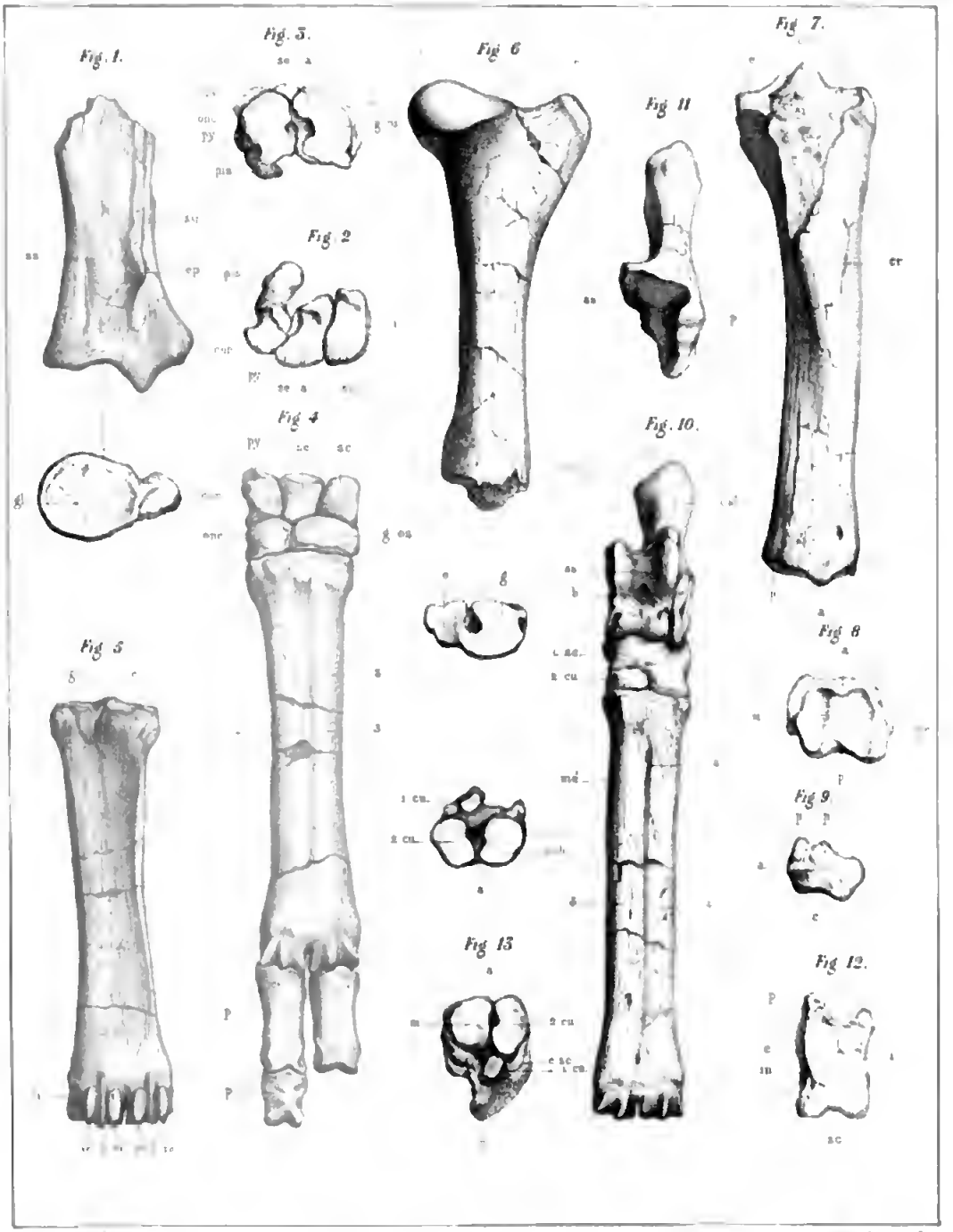

Fermant del. Imp. Becquet Paris

Dichadotheri m. Duvernoyi.

$\frac{1}{2}$ de la grandeur naturelle

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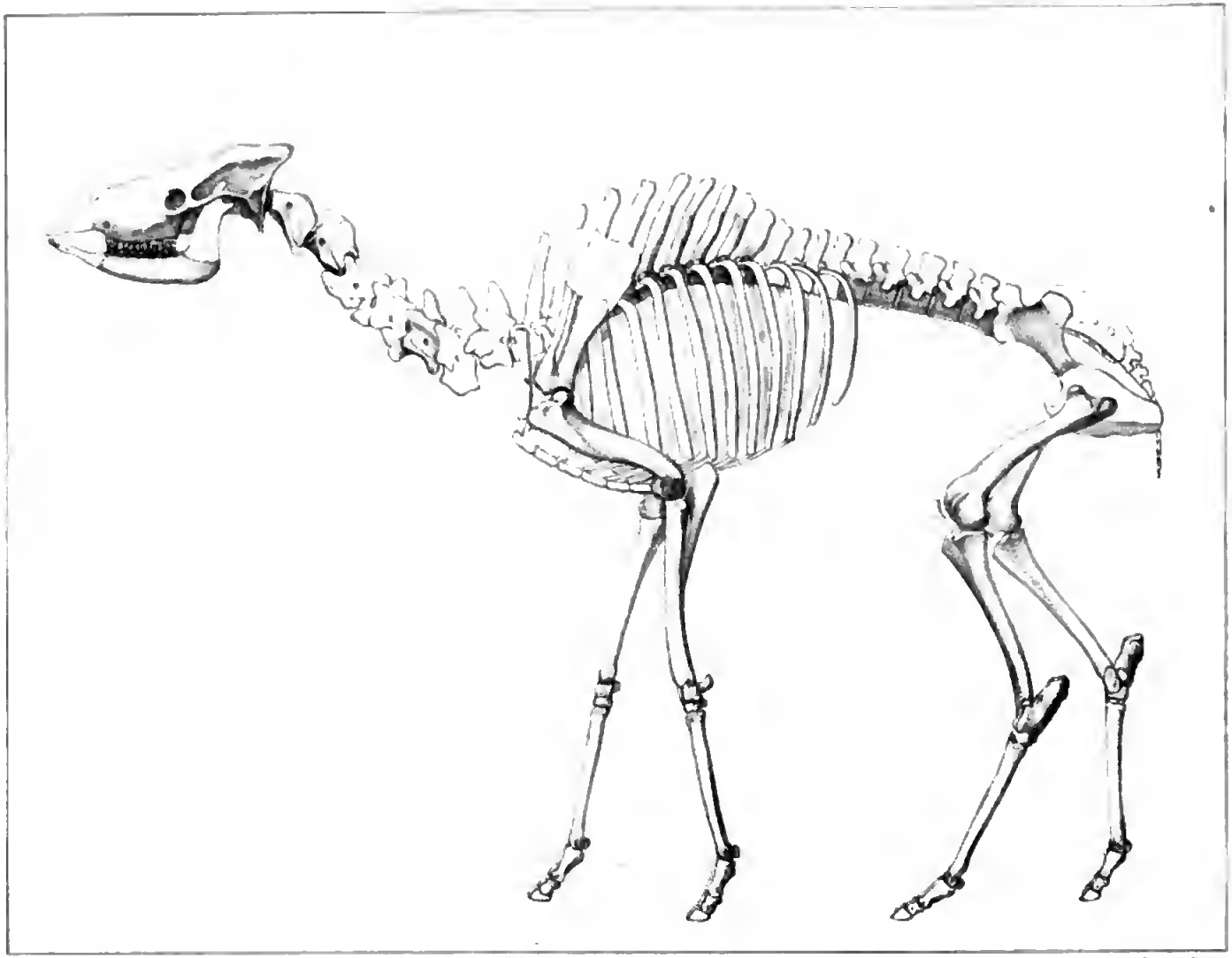

Farmant del. Imp. Becquet Paris

Helladotherium Duvernoyi

au $\frac{1}{4}$ de la grandeur naturelle

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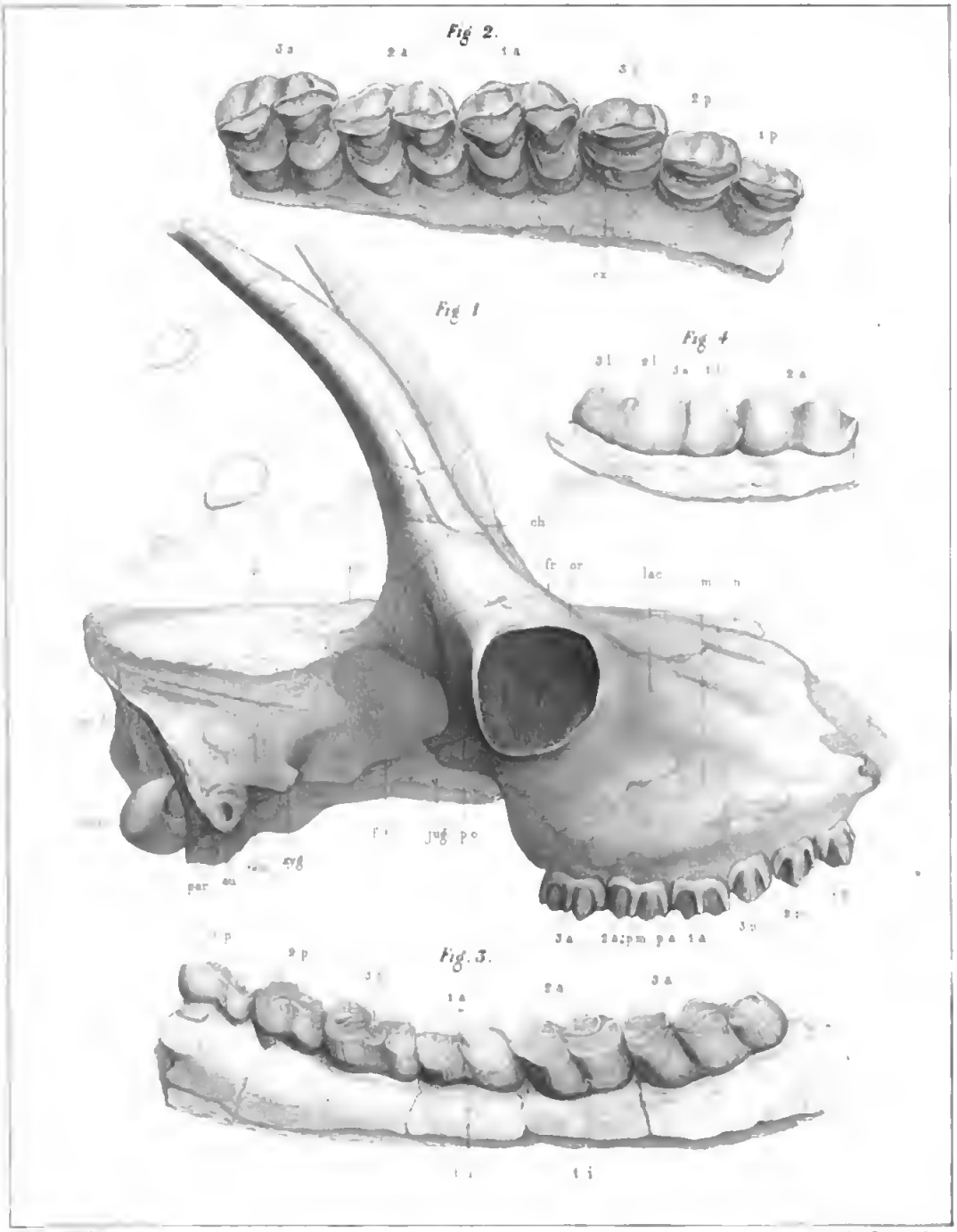
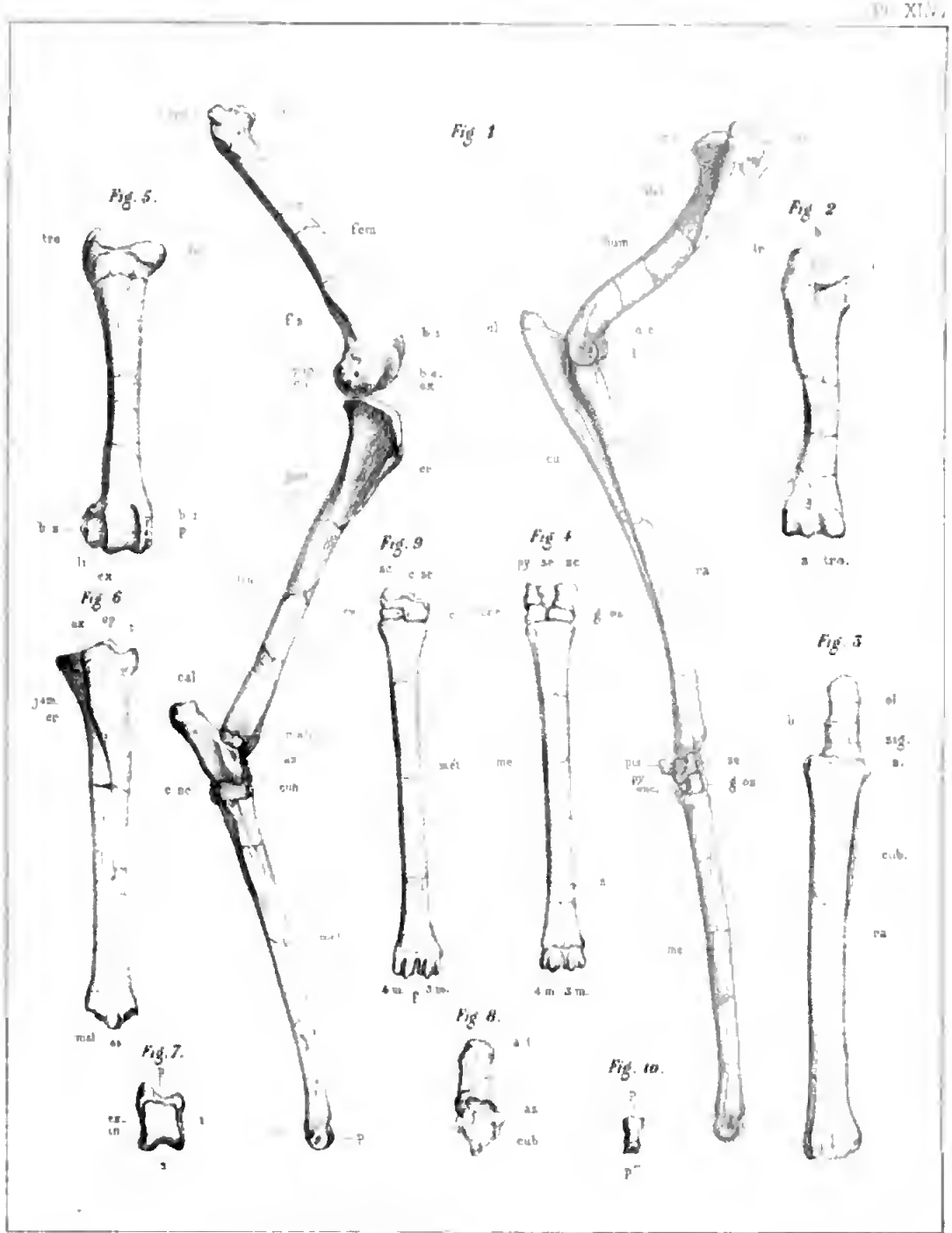


Imp. Becquet Paris

Palæotragus Roueni *Gaud*

La figure 1 est a $\frac{1}{2}$ de la grandeur naturelle, les autres figures sont de grandeur naturelle



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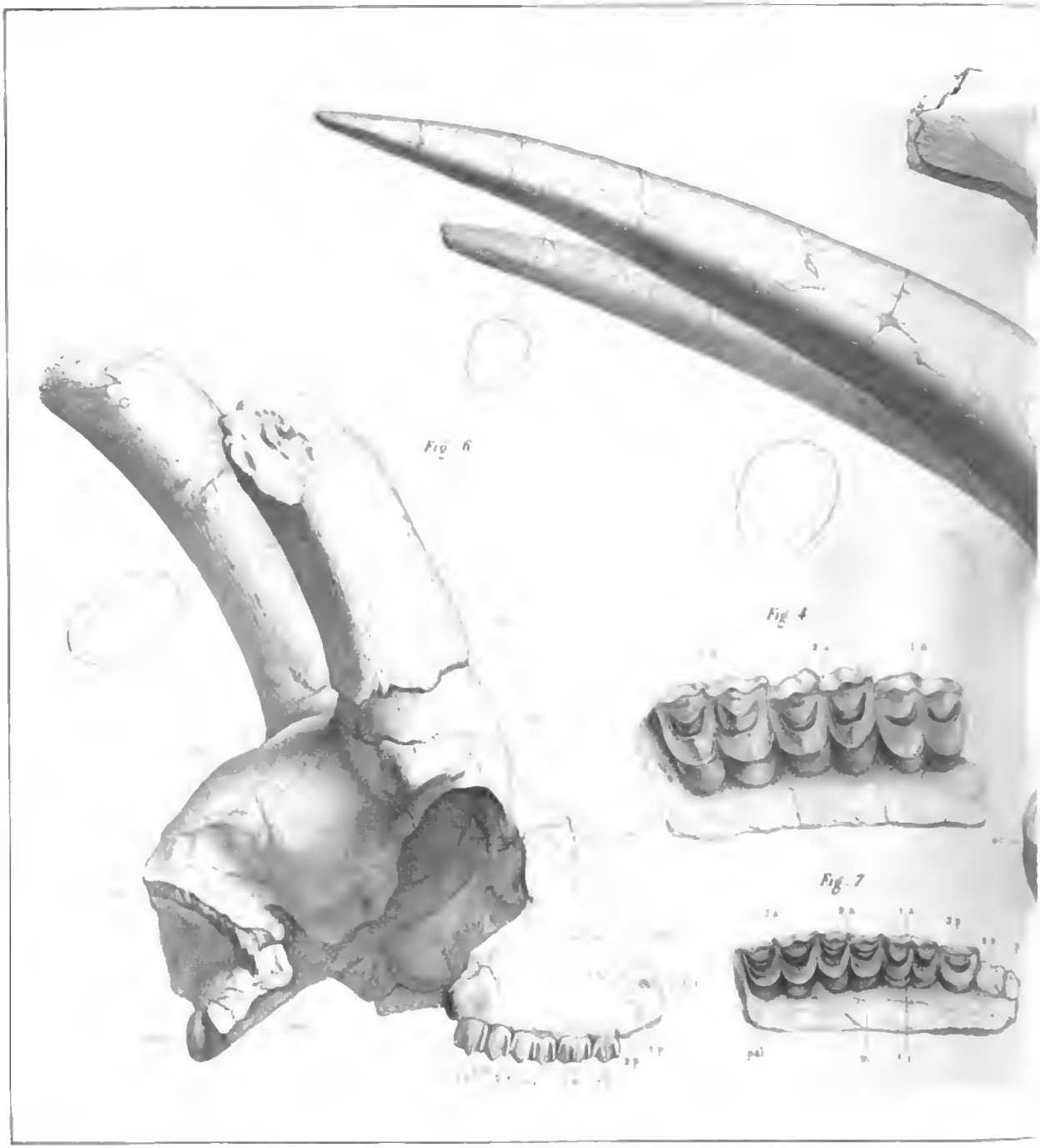
Imp. Becquet, Paris

Grand ruminant dont le genre est encore indéterminé.

au $\frac{1}{6}$ de la grandeur naturelle



Formant del

Fig 1 2 3 4 5 Pl. X
Fig 6 7 P —

Les figures 1 et 6 sont aux $\frac{2}{3}$ de la g

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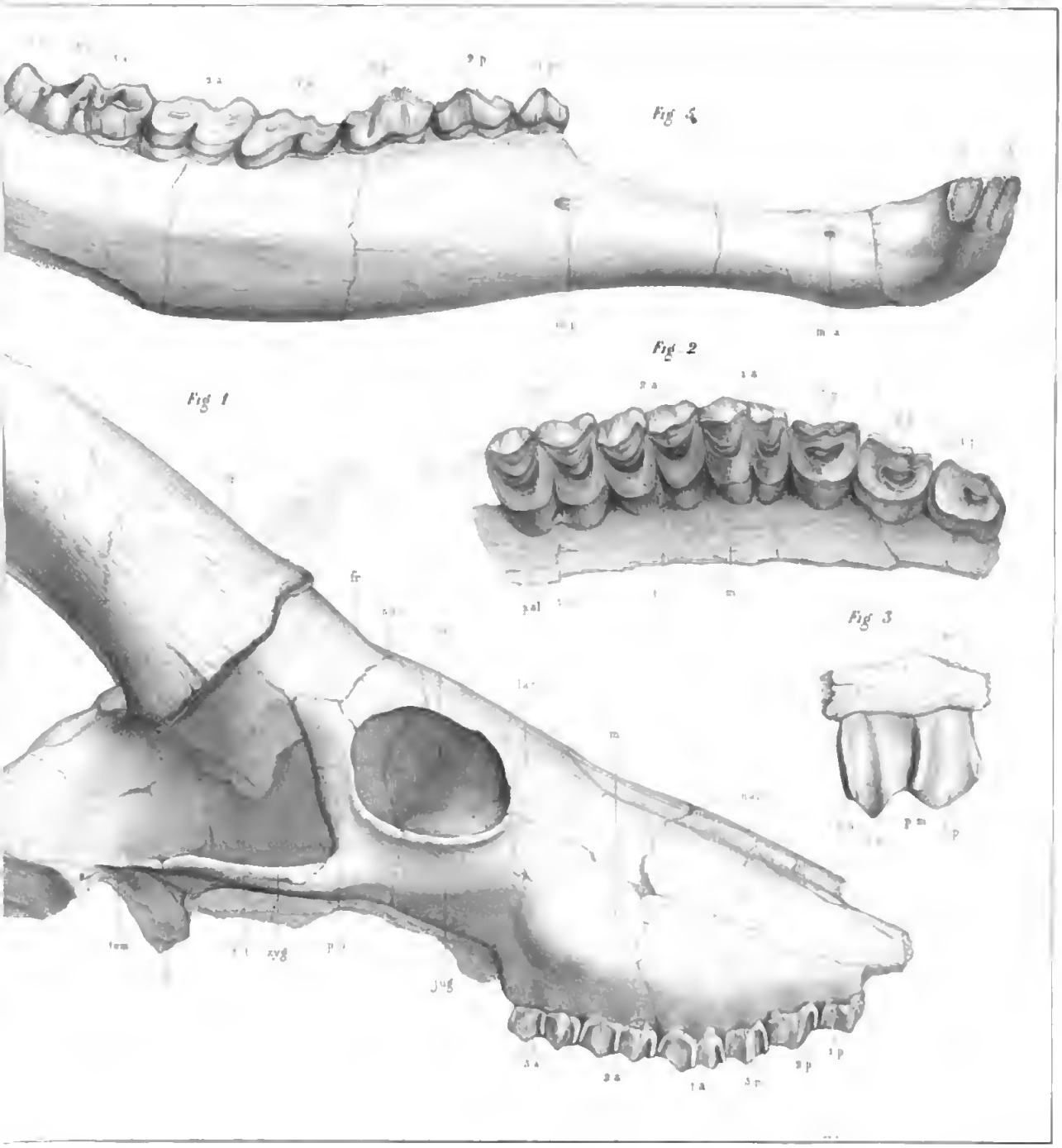
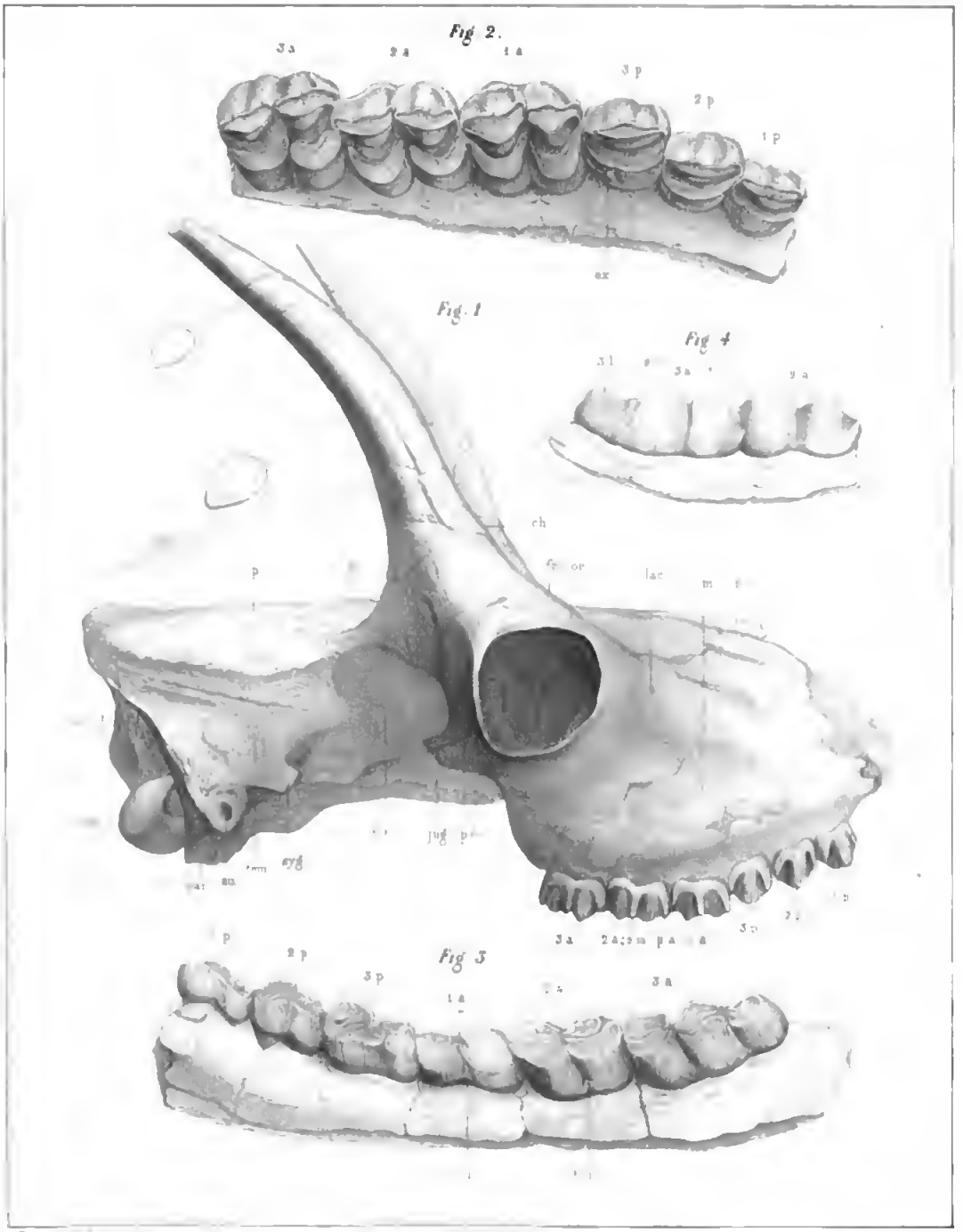


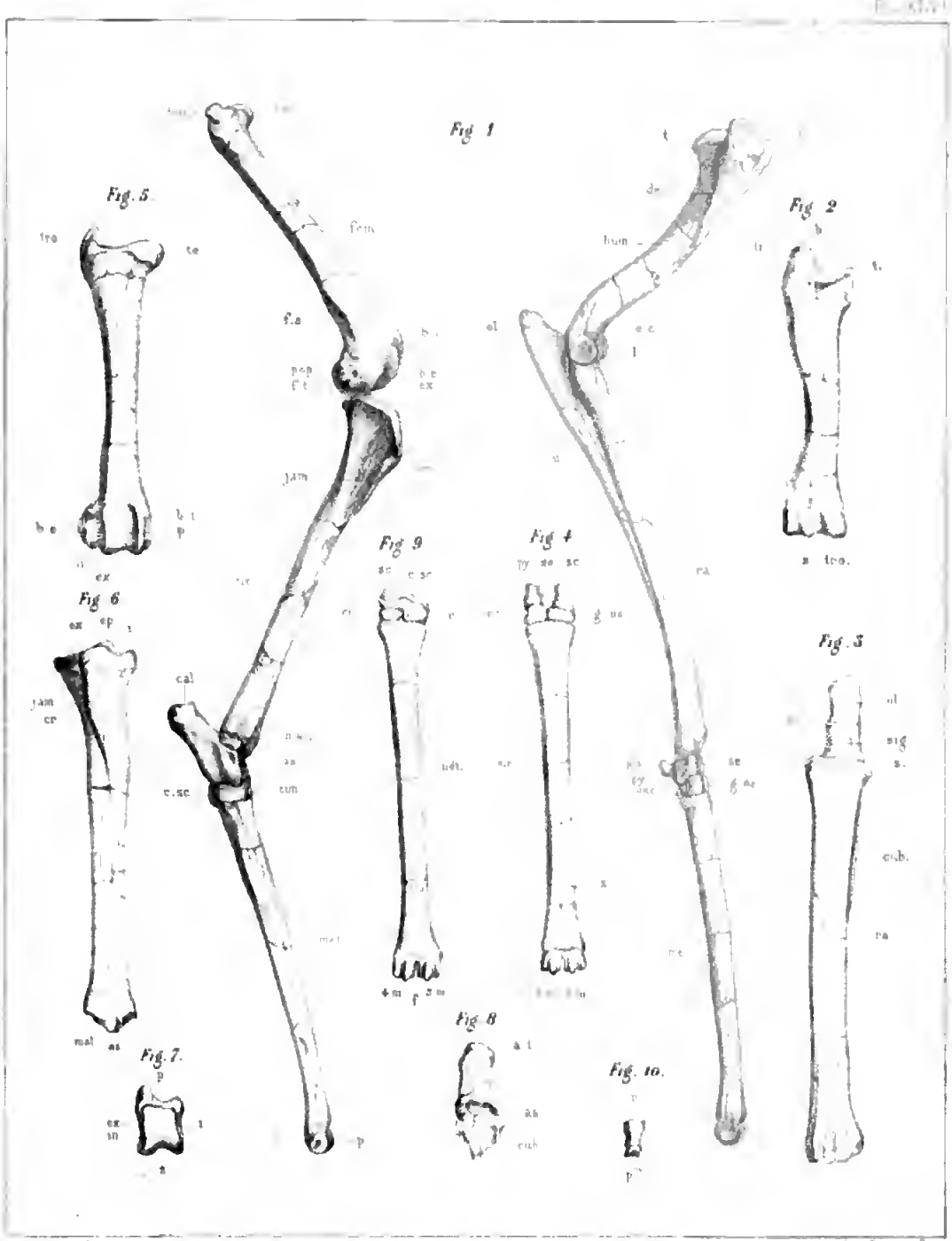
yx Pallasii . *Gaud*
— parvidens . *Gaud.*

- naturelle, les autres sont de grandeur naturelle.



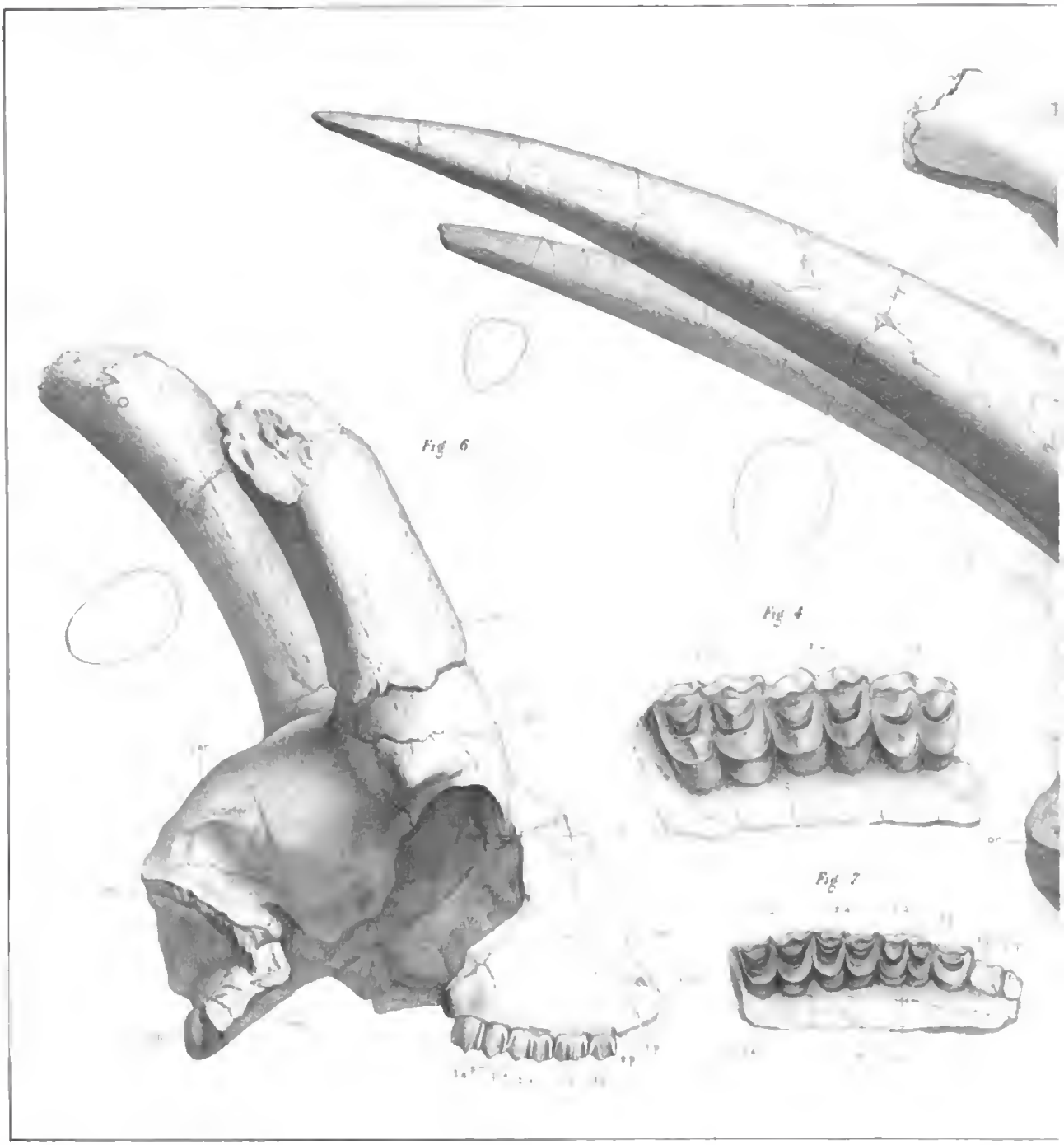
Palaeotragus Rouenn. *Gaud*

La figure 1 est a $\frac{1}{8}$ de la grandeur naturelle, les autres figures sont de grandeur naturelle



Grand ruminant dont le genre est encore indéterminé.

au $\frac{1}{6}$ de la grandeur naturelle



Formant del

Fig 1 2 3. 4. 5 Palæo
Fig 6.7 P.

Les figures 1 et 6 sont aux $\frac{1}{3}$ de la grande

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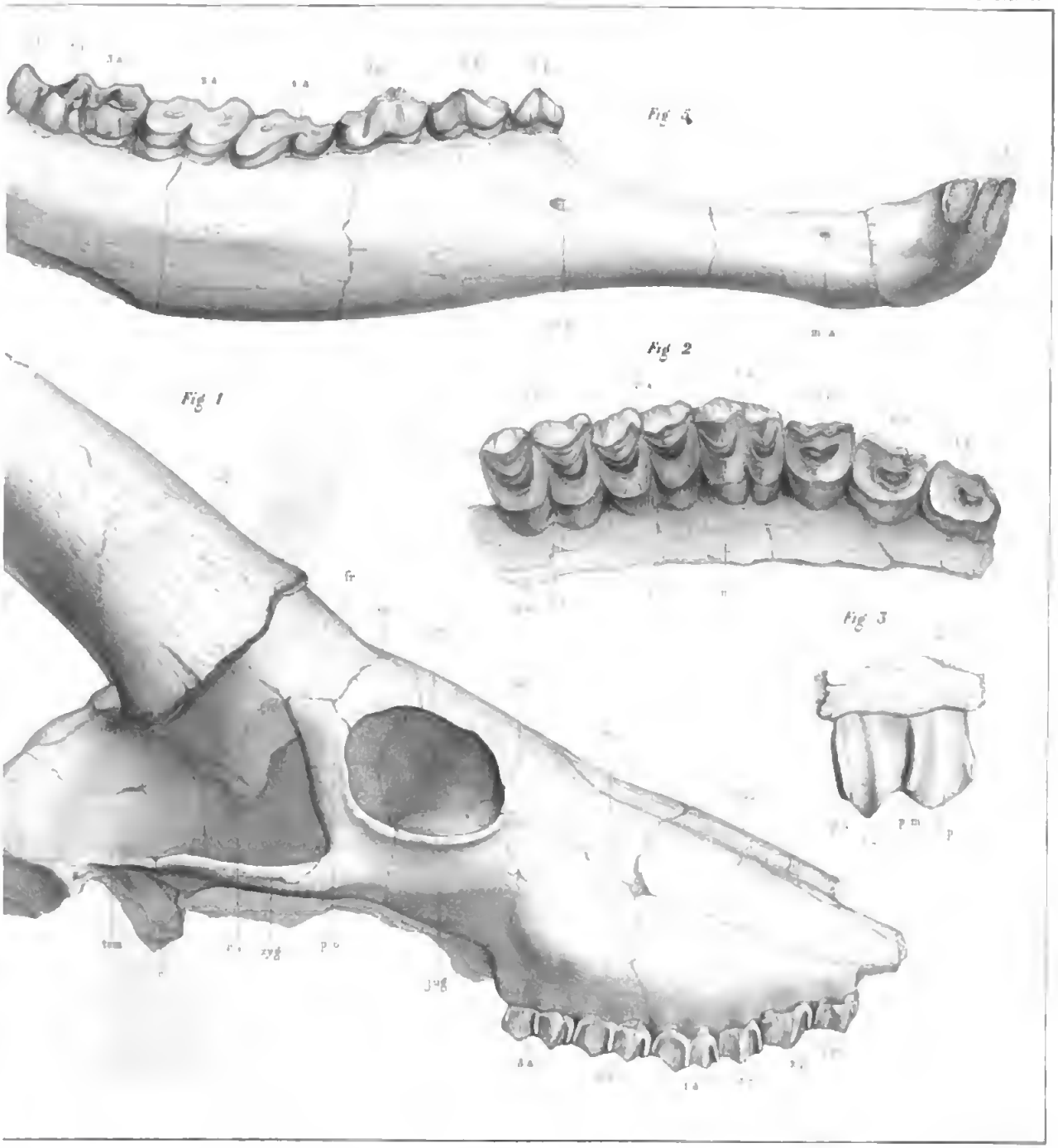

Imp. Bocquet Fils.

/x Pallasii *Gaud*
— parvidens. *Gaud.*

· naturelle, les autres sont de grandeur naturelle.

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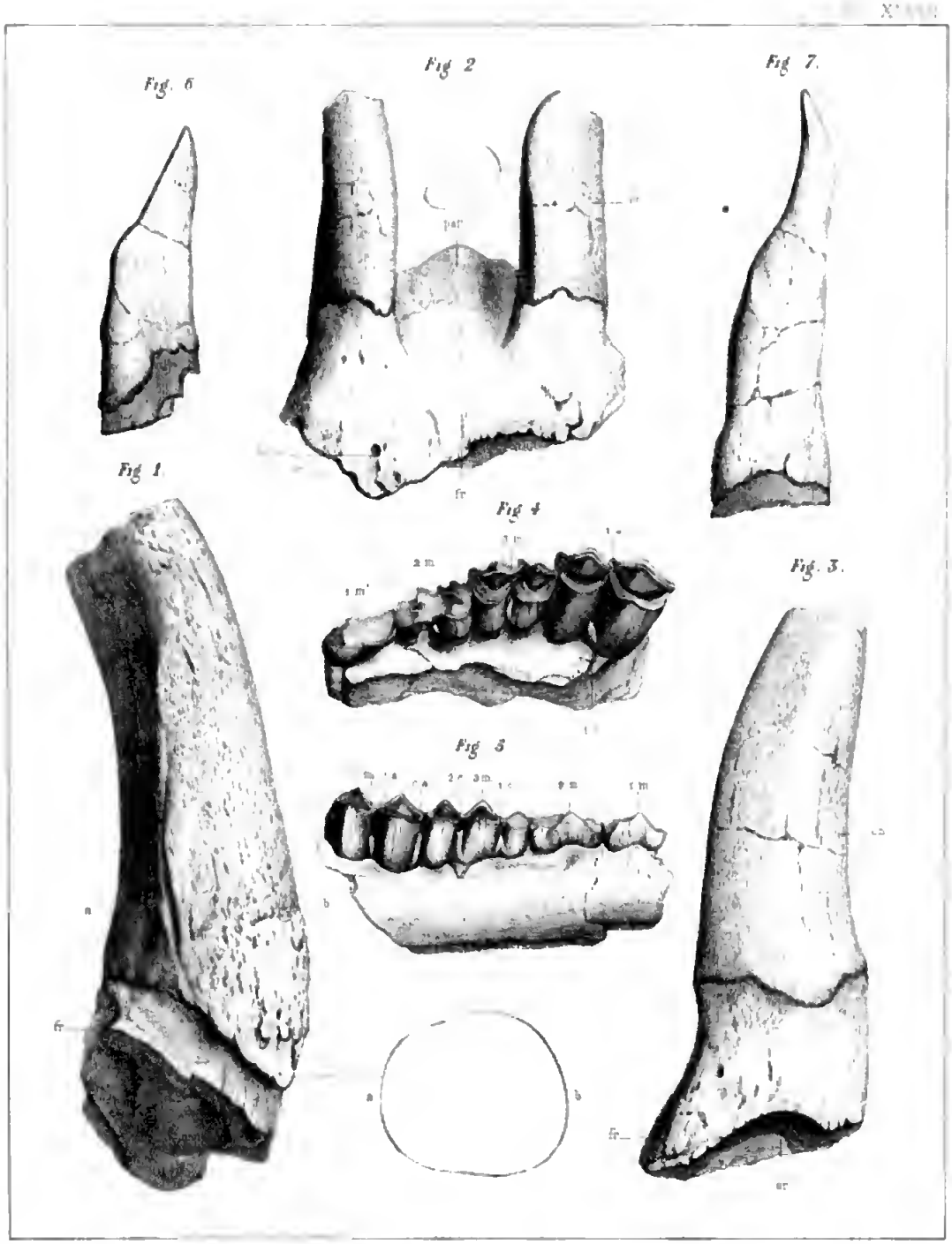

Fig. 1. Antilope dont le genre est encore indéterminé

Fig 2 et 3 Tragocerus Valenciennesi *Gaud*

Fig 4 5, 6 7 T. _____ amaltheus *Gaud.*

Les figures 1 2 sont aux ⅔ de la grandeur naturelle, les figures 3 4 5 sont de gr nat.

Les fig. 6 et 7 sont au ½ de la gr nat

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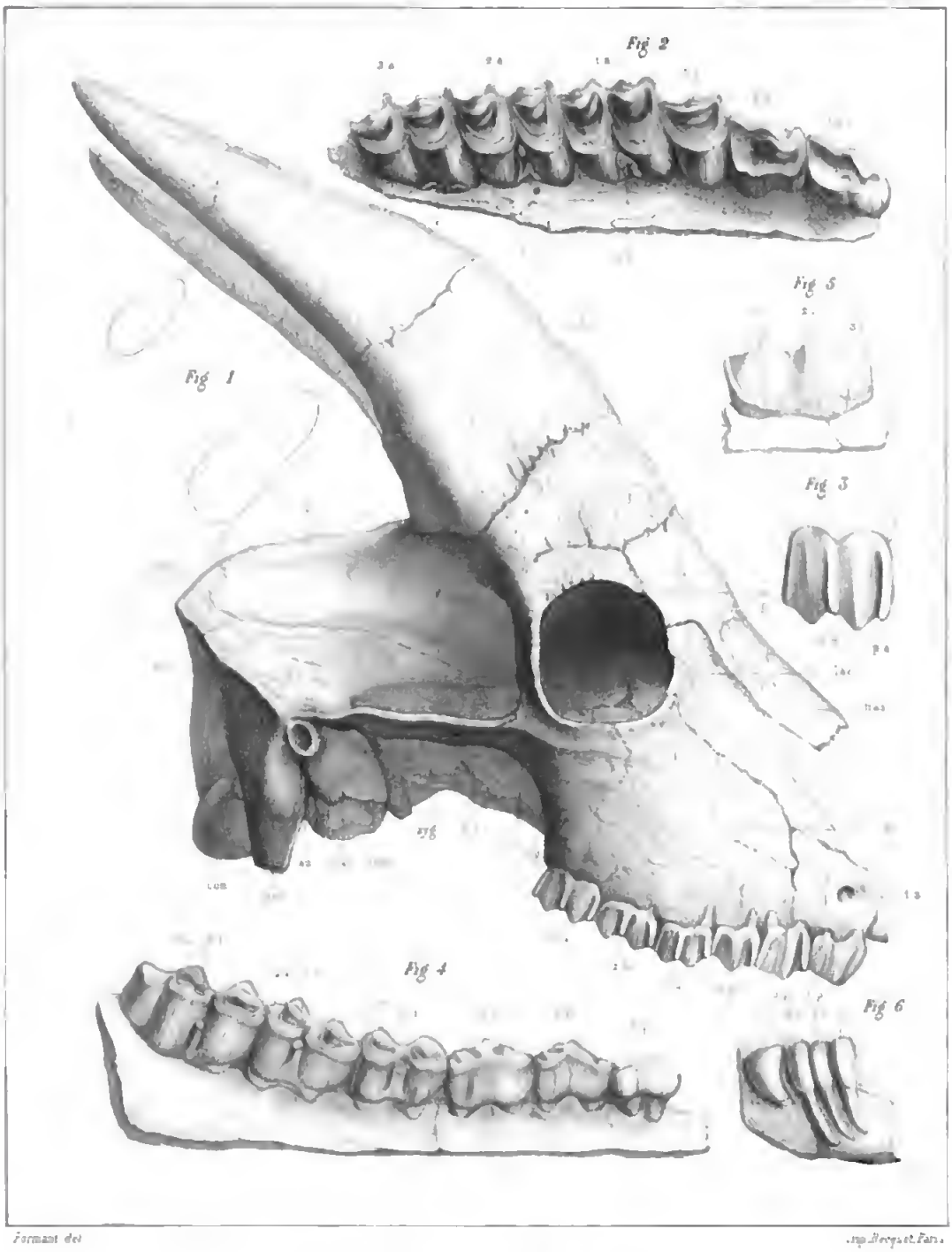

Formant del. Imp. Becquet, Paris

Tragocerus amaltheus

Fig 1 aux $\frac{2}{3}$ de la grandeur naturelle
Fig 2, 3 & 5, 6, gr nat

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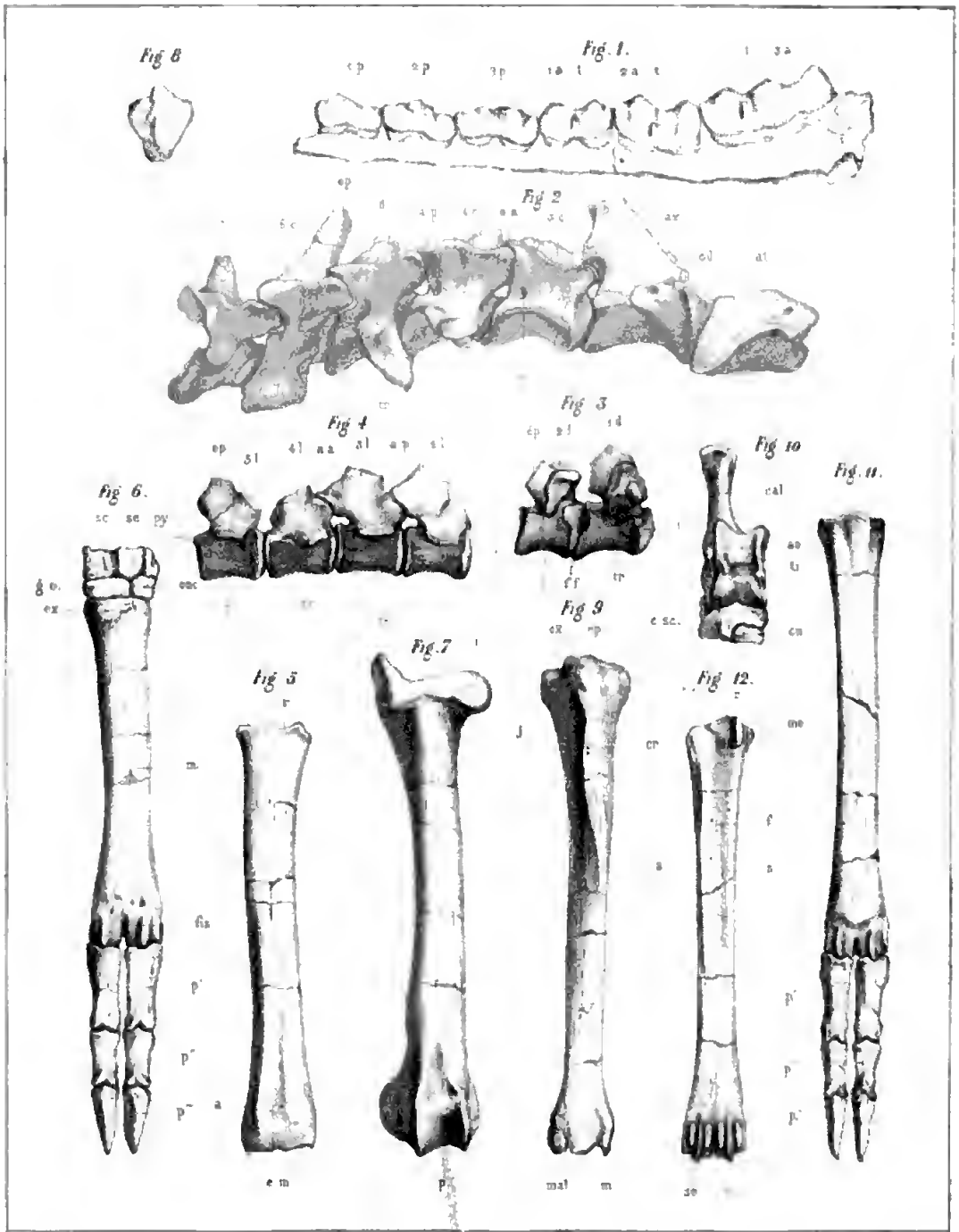
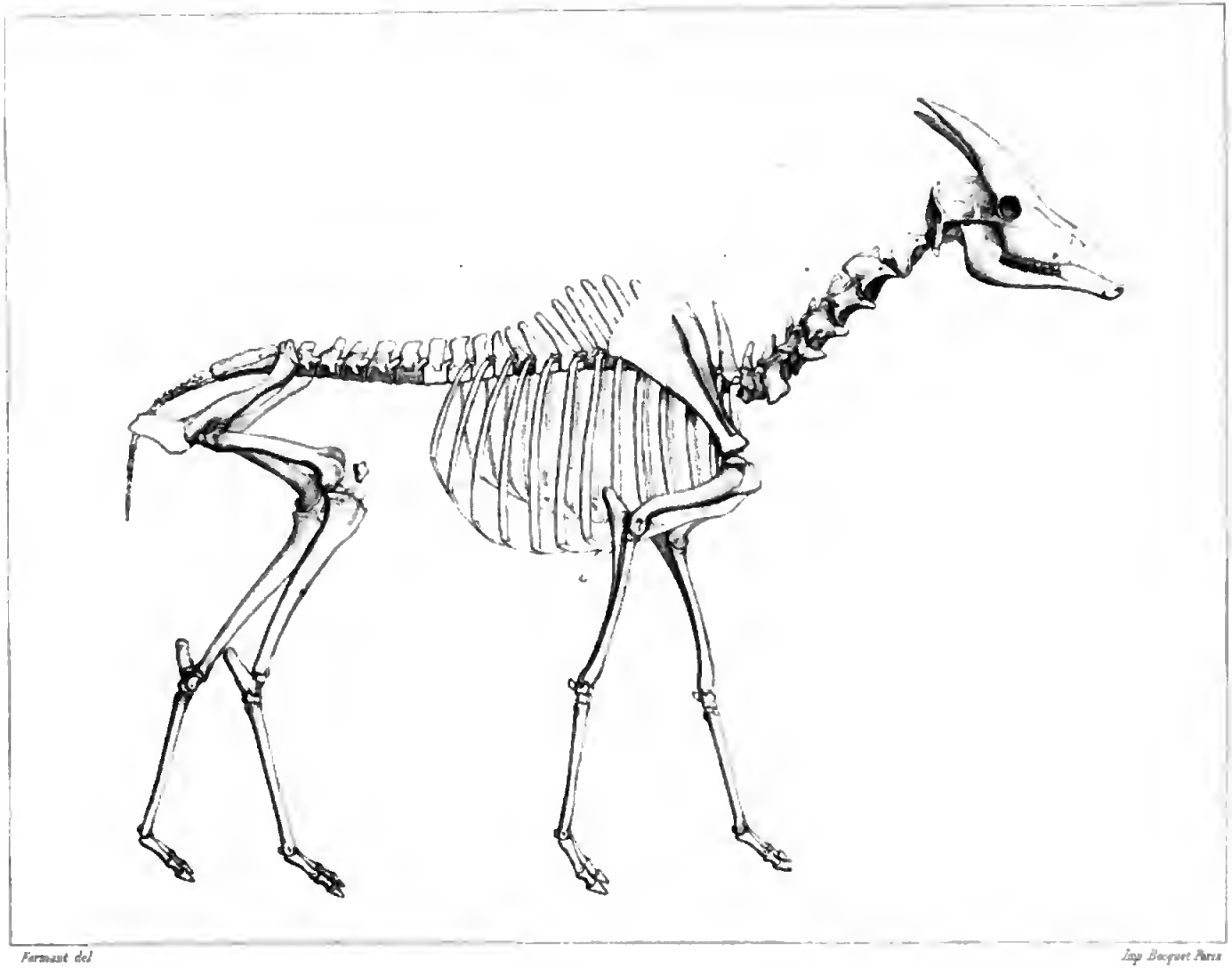


Formant del

Imp. Bocquet Paris

Tragocerus amaltheus

La figure 1 est de grandeur naturelle ; les autres figures sont au $\frac{1}{3}$ de la gr nat



Formant del *Imp Becquet Paris*

Tragocerus amaltheus

au $\frac{1}{6}$ de la grandeur naturelle

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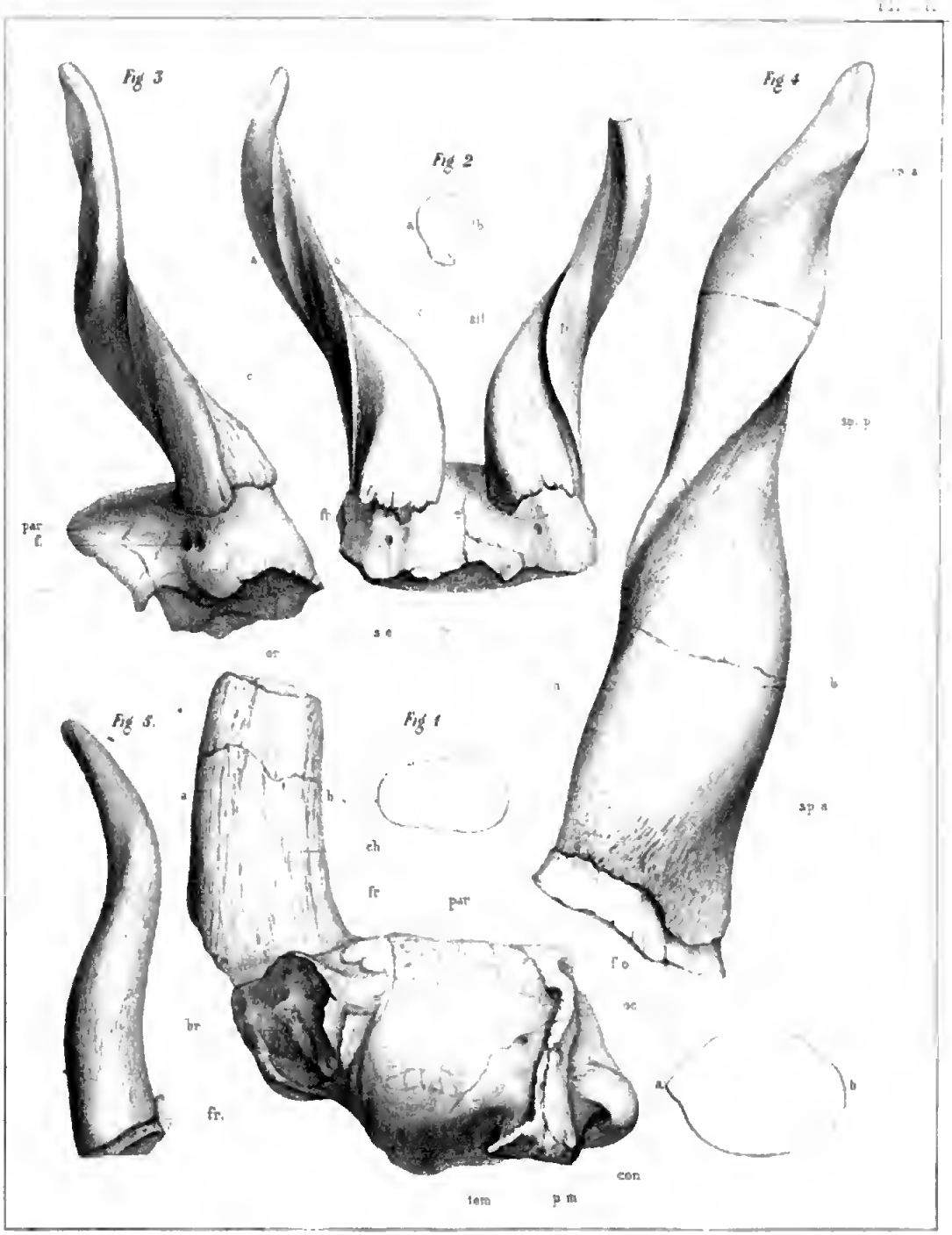

Formant del

Imp. Bonnet Paris

Fig 1 Antilope dont le genre est indéterminé.
Fig 2, 3 Antidorcas ? Rothii *Gaud*
Fig 4 5 Palæoreas Lindermayeri *Gaud*

Les figures 1 et 5 sont au ⅓ de la grandeur naturelle les figures 2 et 3 sont aux ½ la figure 4 est de grandeur nat

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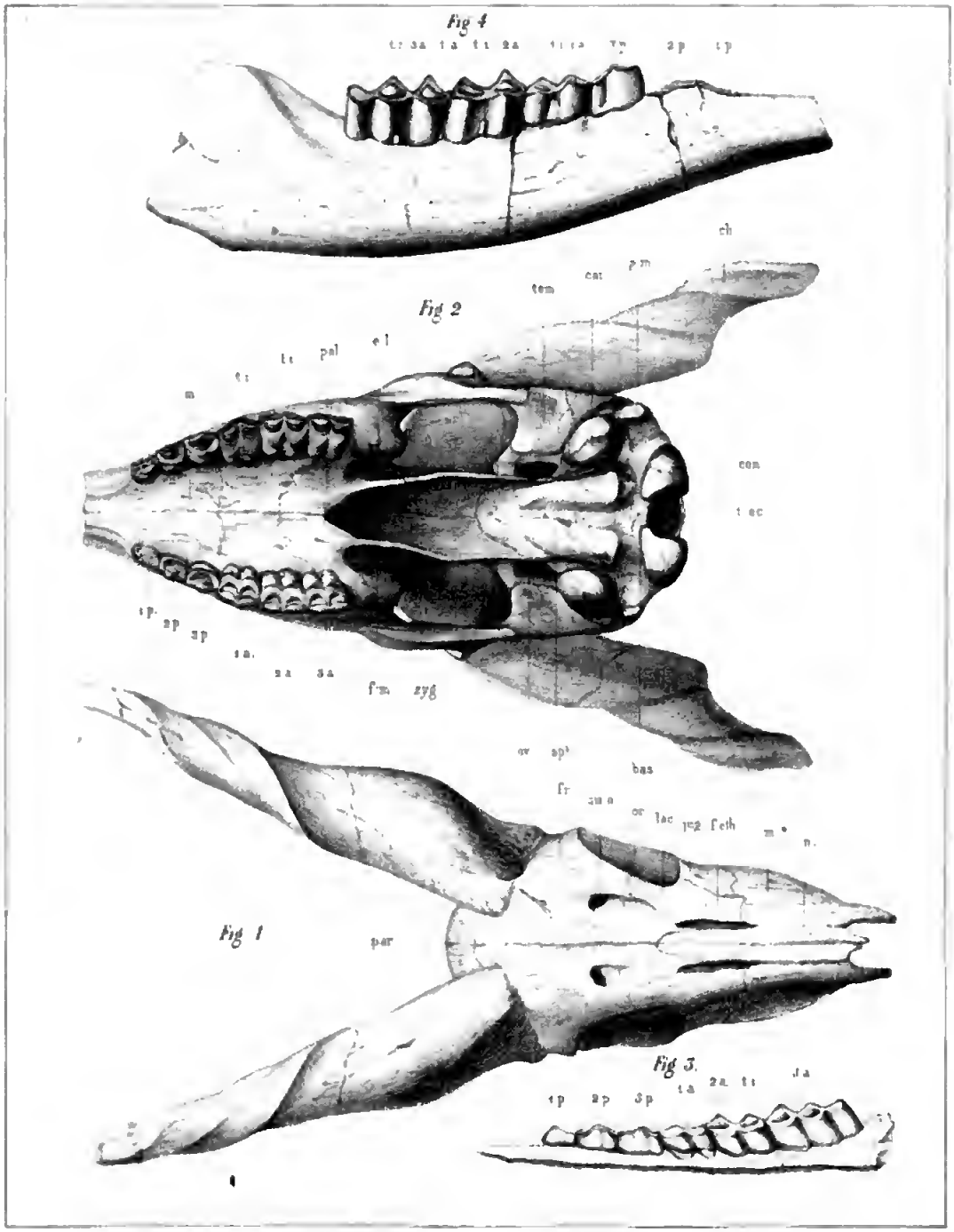

Formant del

Imp Becquet, Paris

Palæoreas Lindermayeri.

La figure 1 est à $\frac{1}{4}$ de la grandeur naturelle la fig 2 est aux $\frac{2}{3}$ les fig 3 et 4 sont de gr nat

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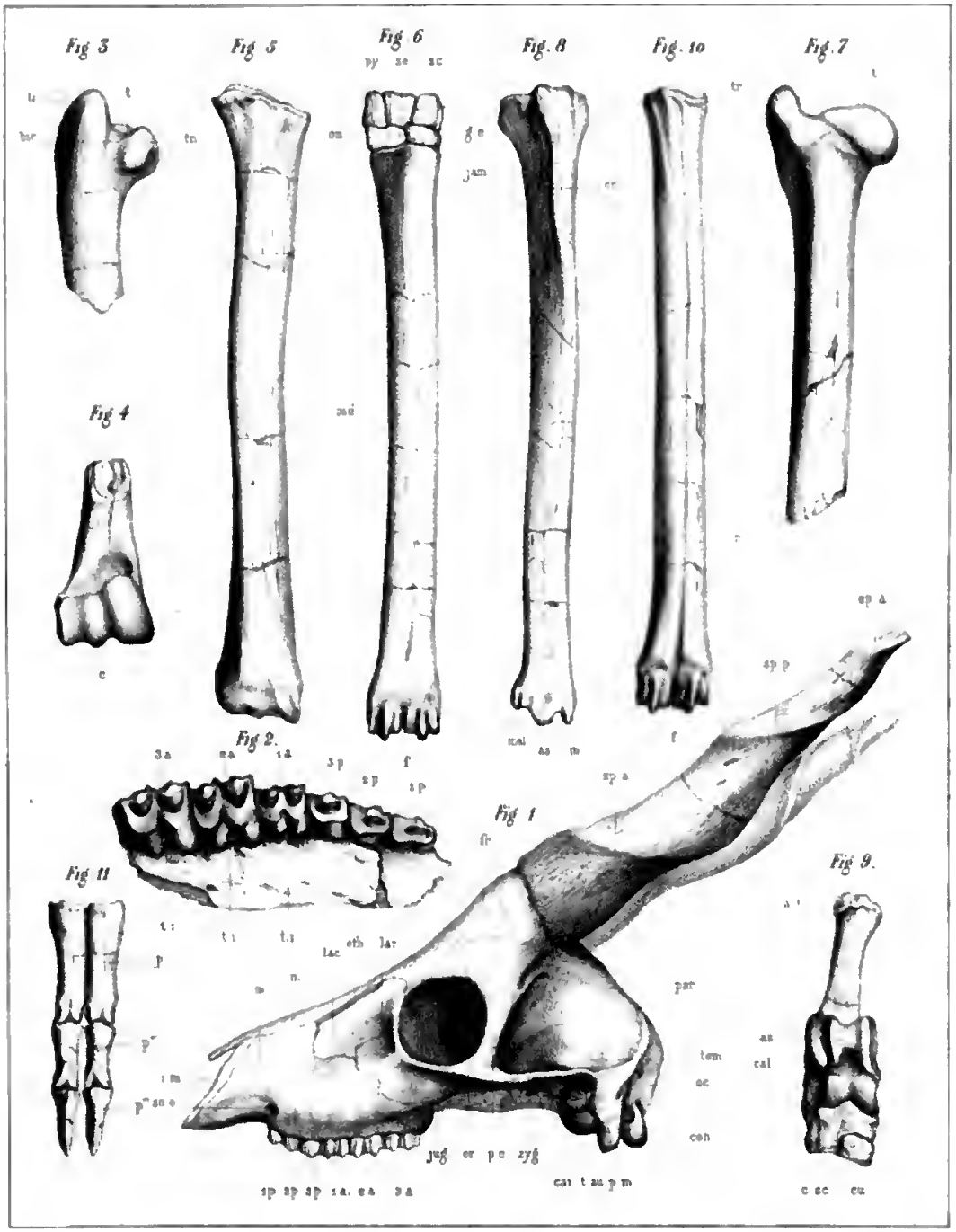

Formant del

Imp. Becquet, Paris

Palæoreas Lindermayeri.

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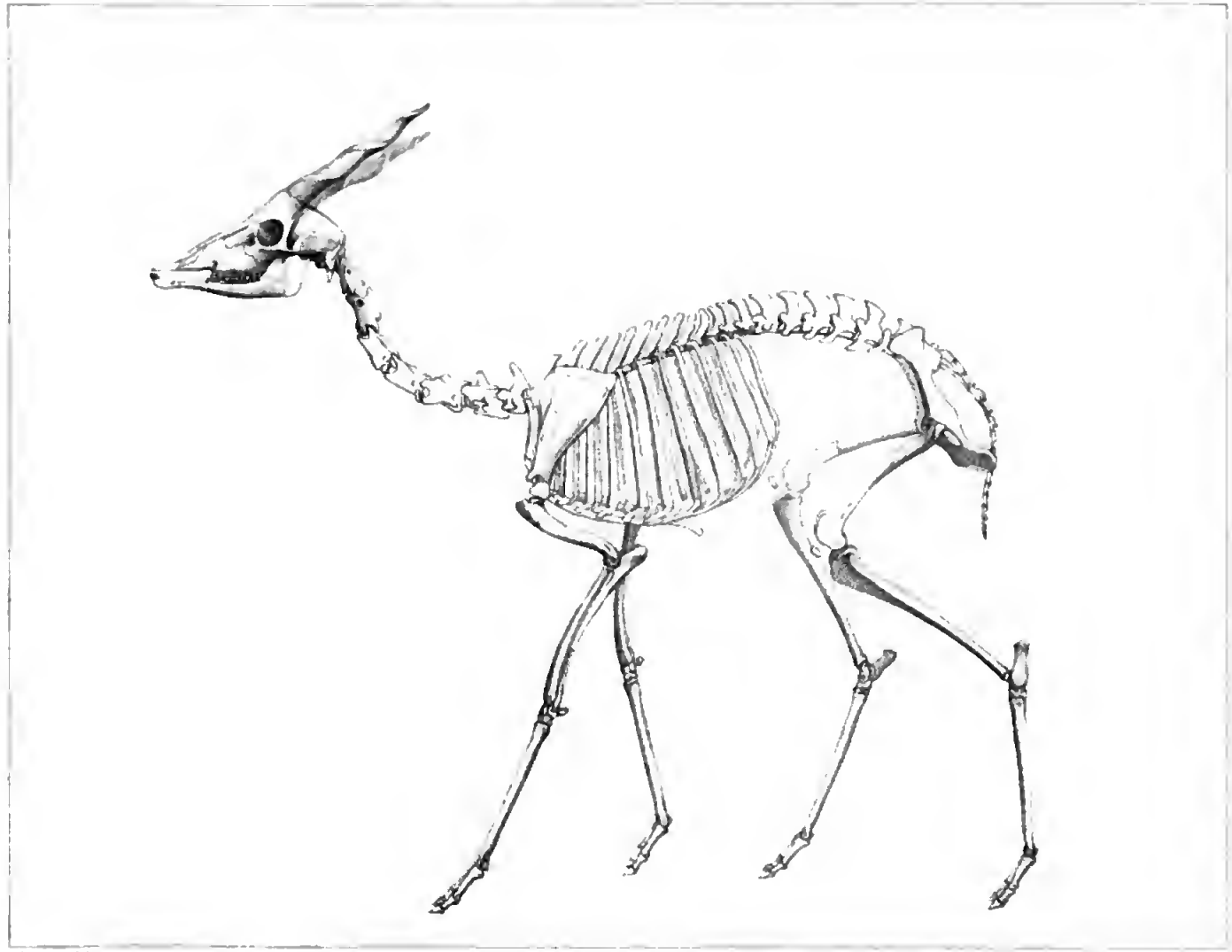

Forment del.

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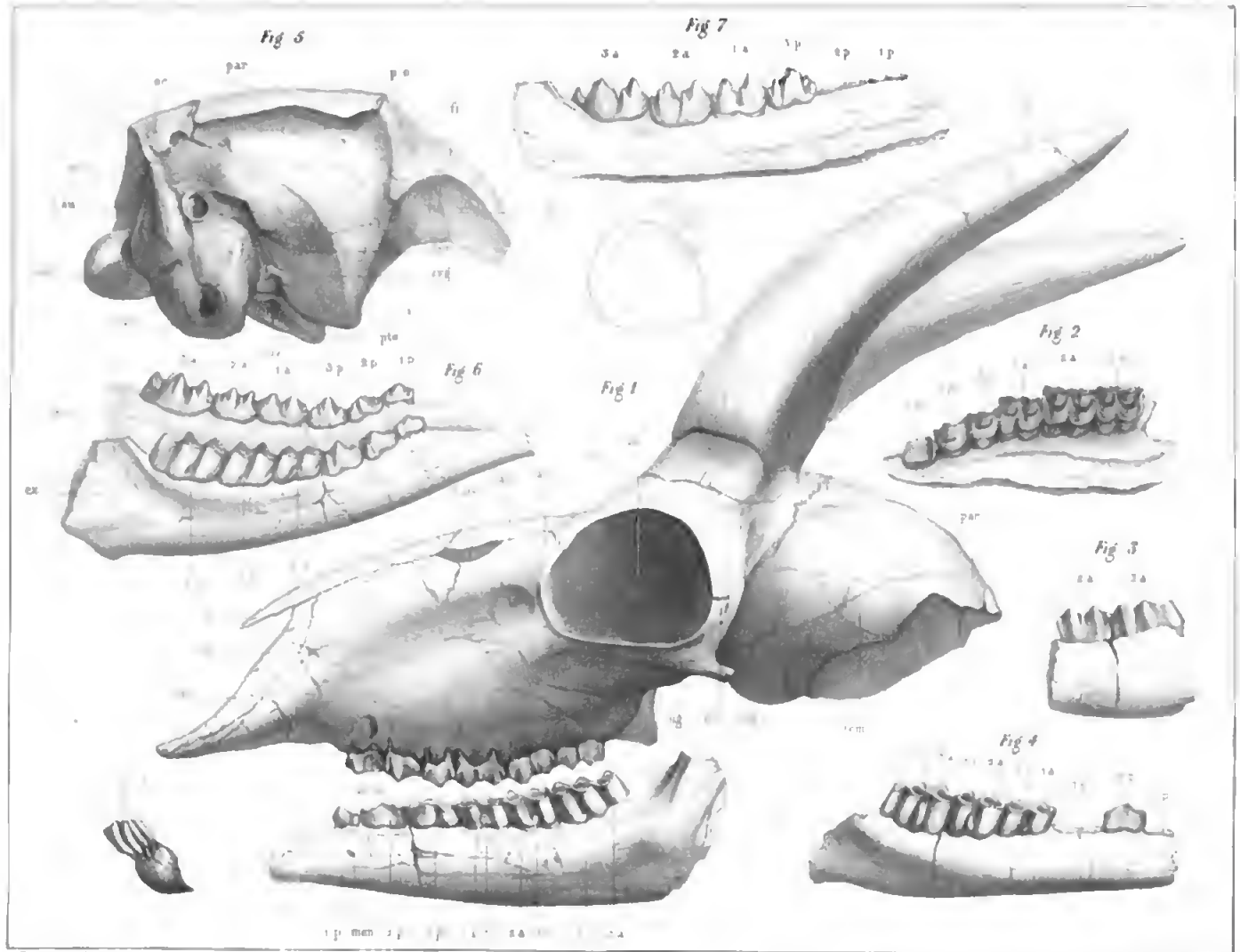

Formant del

Imp Becquet Paris

Fig. 1, 2, 3, 4 Gazella brevicornis Gaud
Fig. 5, 6 [illegible] Pentelici Gaud
Fig. 7 [illegible]

Grandeur naturelle

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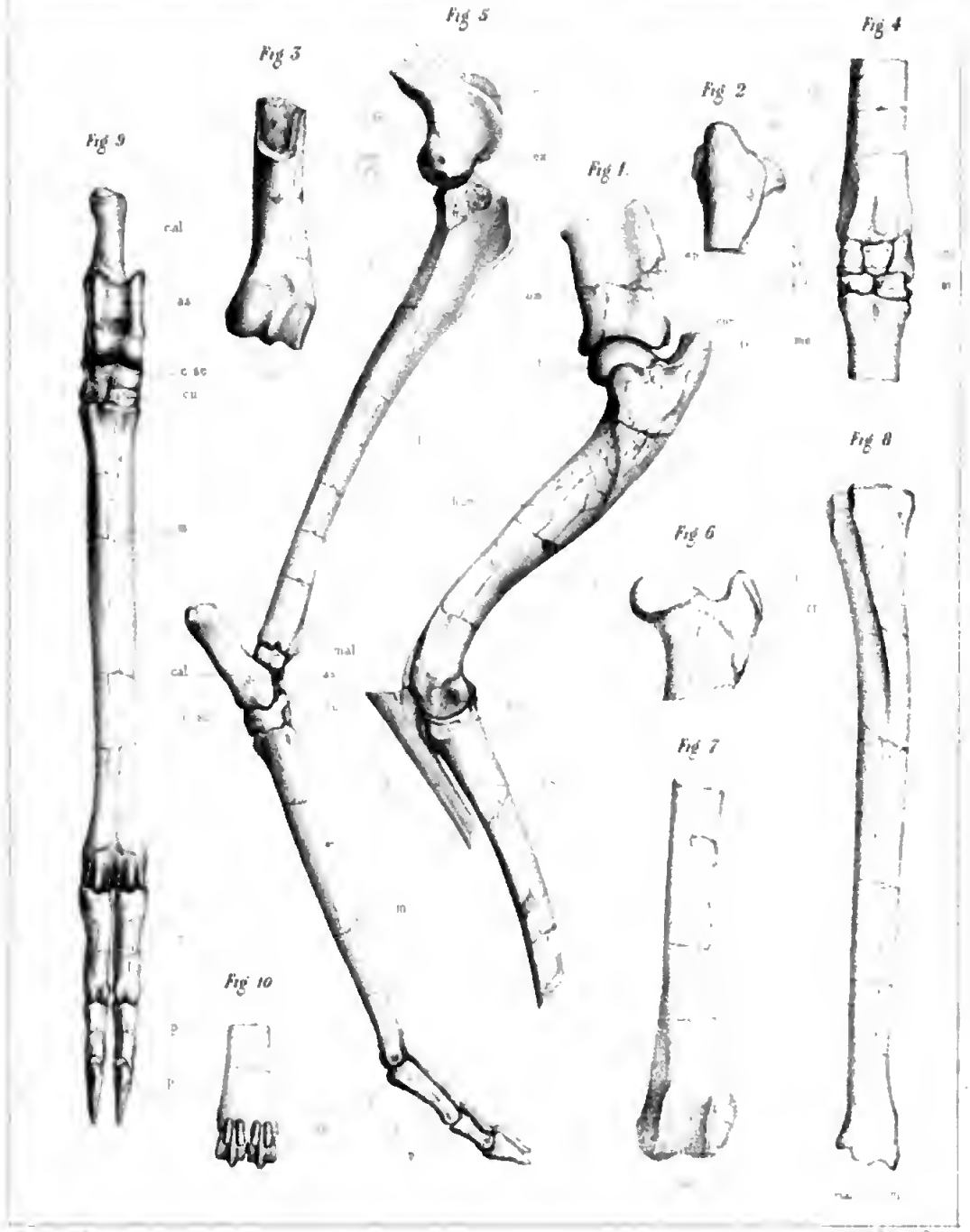


Gazella brevicornis

La figure 5 est a $\frac{1}{2}$ de la grandeur naturelle les autres figures sont aux $\frac{2}{3}$

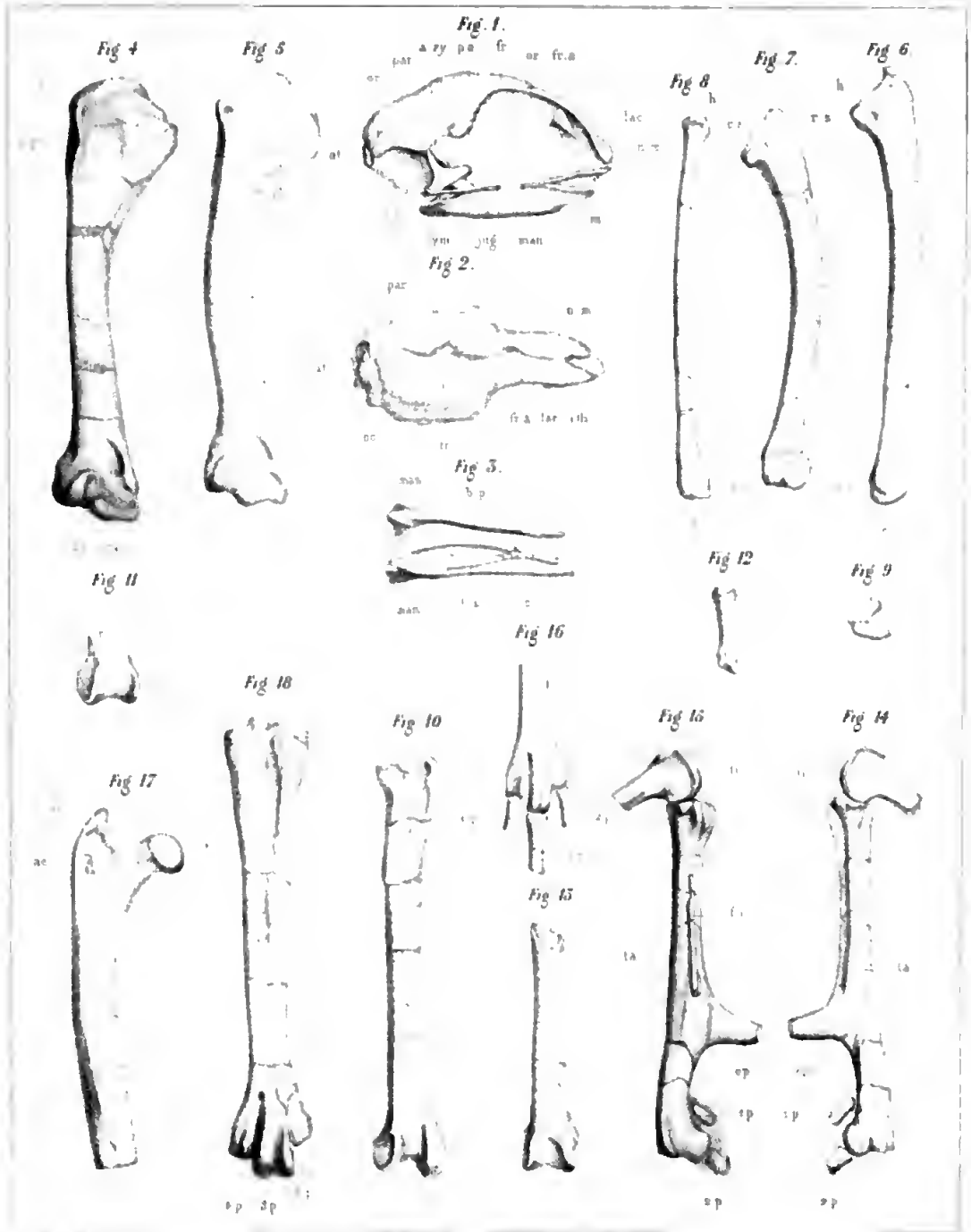


Fig. 1 – 12. Phasianus Archiaci, *Gaud*
Fig 13 14 15.16 Gallus Æsculapii. *Gaud*
Fig 17 et 18 Ossements d'oiseaux indéterminés

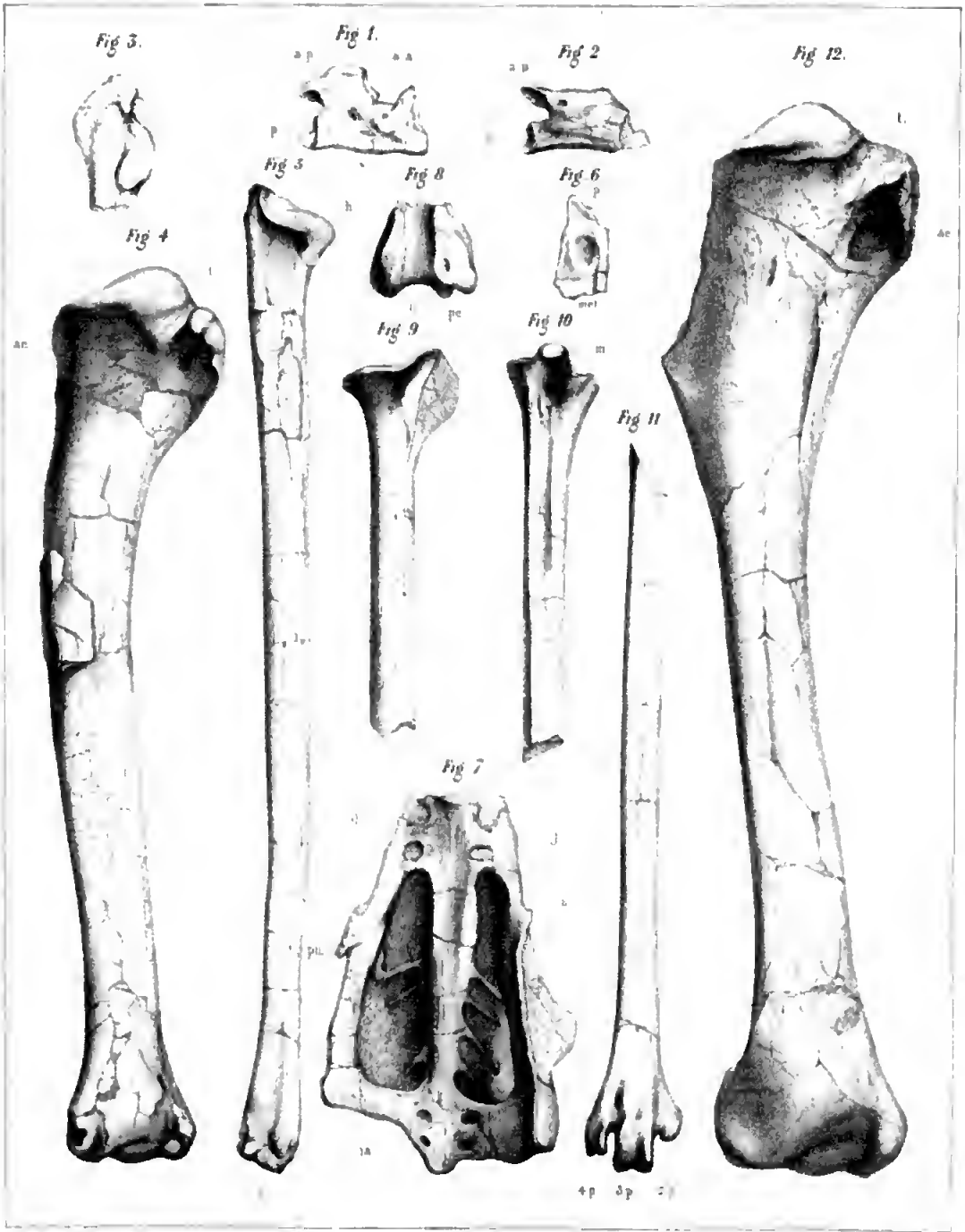
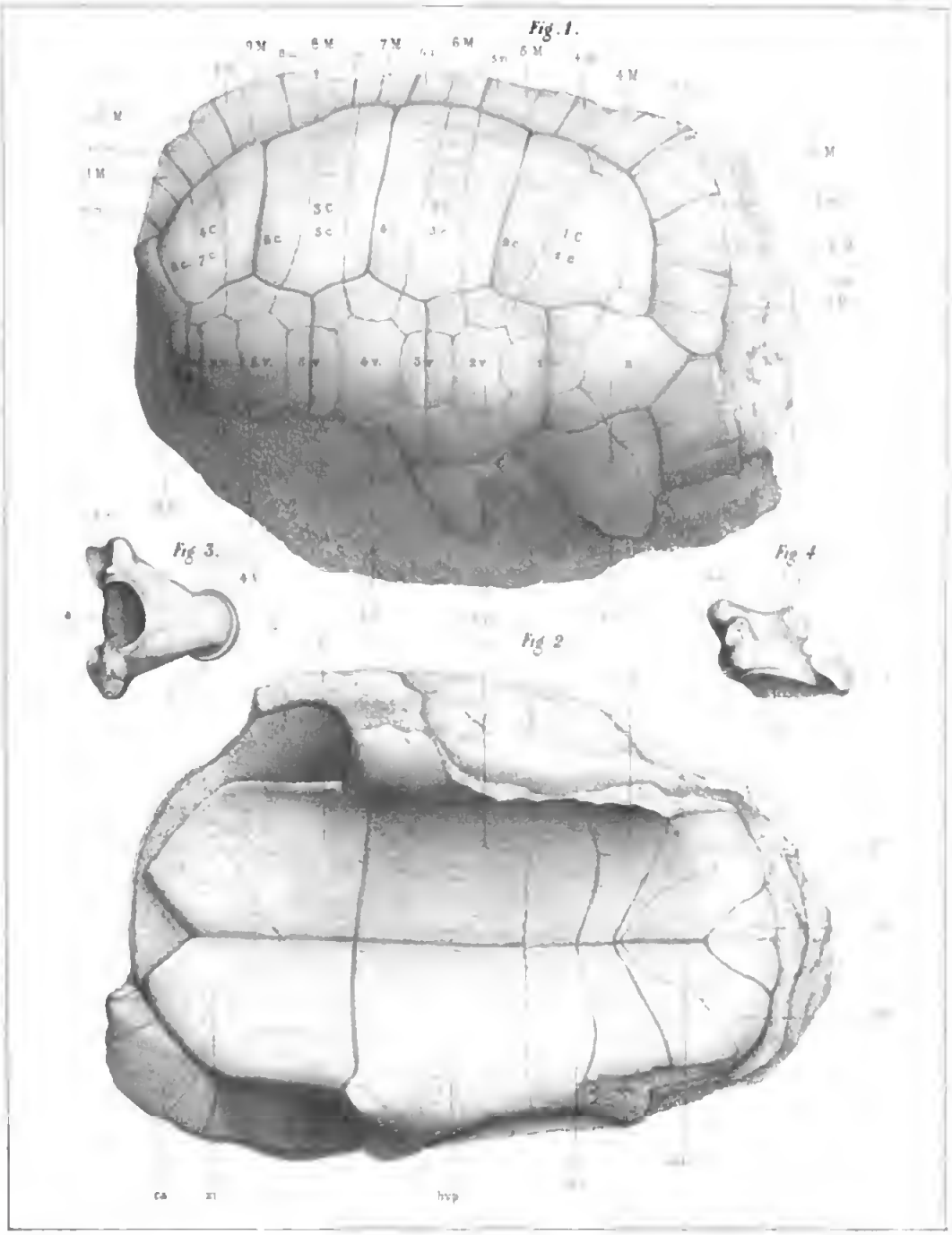


Fig 1 – 11 Grus Pentelici, *Gaud*
Fig 12. Ciconia ? d'espèce indéterminée

Aux $\frac{2}{3}$ de la grandeur naturelle



Formant del. Imp. Berquet, Paris

Fig. 1 et 2 Testudo marmorum

Fig. 3 et 4 Vertèbre analogue à celles des varans

Les figures 1 et 2 sont aux $\frac{3}{4}$ de la grandeur naturelle, les figures 3 et 4 sont de grandeur naturelle

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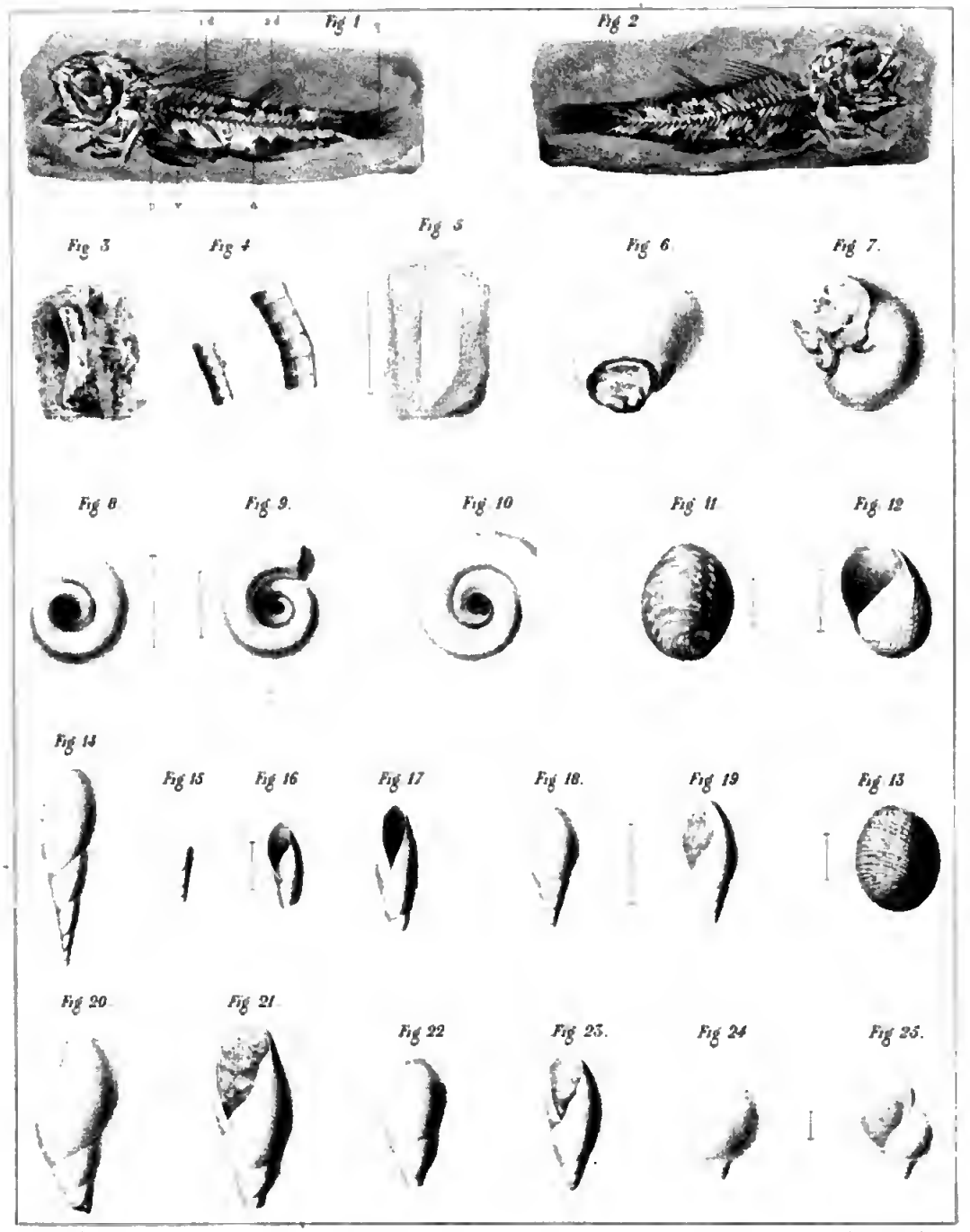
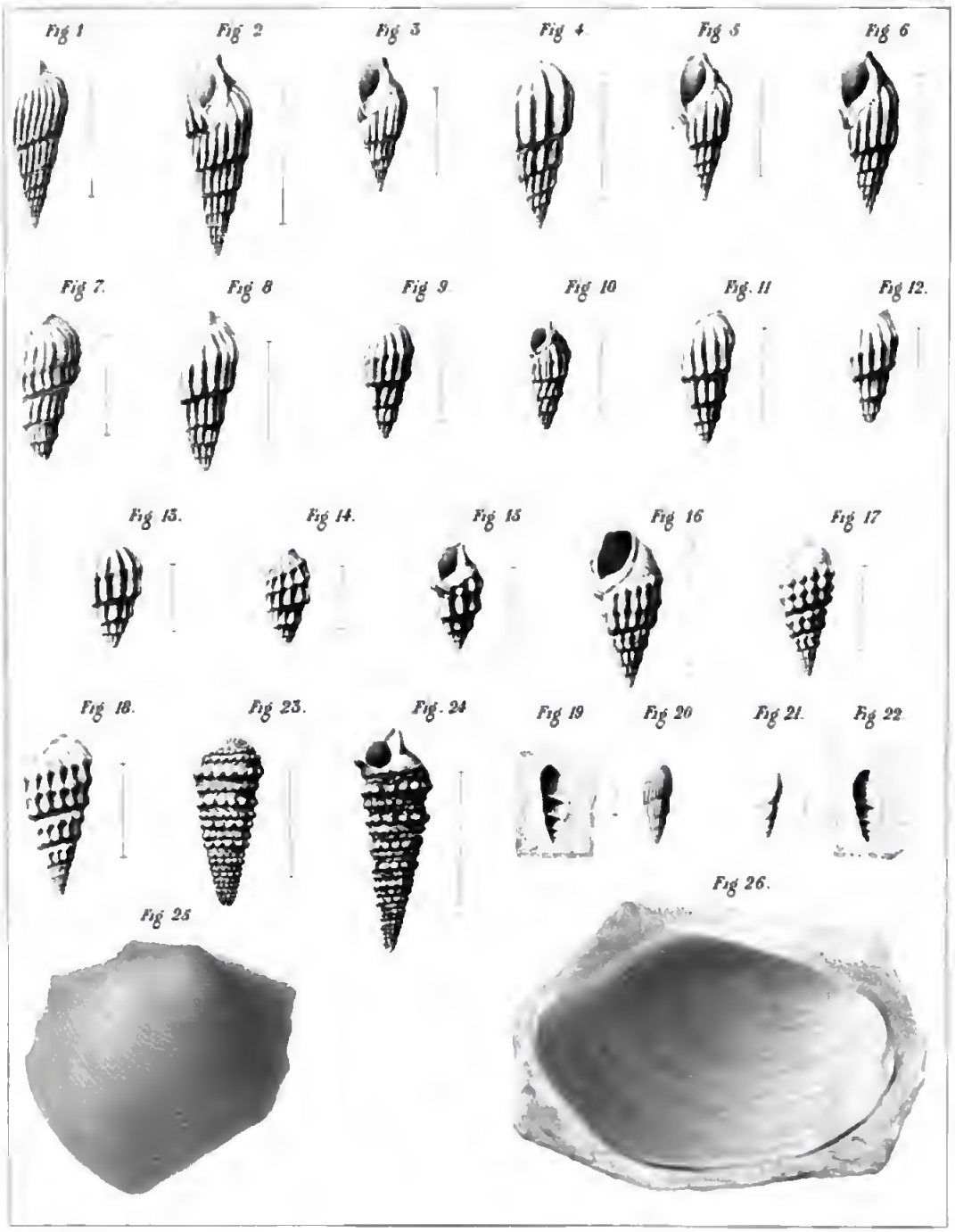


Fig 1. 2 Smerdis Isabellæ *Gaud (ap Val)* _ Fig 3. 4 Myriapode _ Fig 5 Elytre de coleoptère Fig 6. 7. Helix de Pikermi _ Fig 8 9 Planorbis Thiollierᵉ *Mich* _ Fig 10 Planorbis solidus. *Thomæ* _ Fig 11 _ 13 Neritina micans *Gaud et Fisch* _ Fig 14 _ 17 Limnæa megarensis *Gaud et Fisch* _ Fig 18 19 Limnæa pseudo-palustris *d'Orb* _ Fig 20 _ 23 Limnæa Forbesi, *Gaud et Fisch* _ Fig 24 25 Limnæa voisine de la L. cylindrica

Les figures qui ne sont pas accompagnées d'une barre sont de grandeur naturelle



Arnoul del

Imp. Becquet Paris

Fig 1 6 Melanopsis anceps *Gaud et Fisch* _ Fig 7_18 M costata, *Fer* _ Fig 16_18 M Daphnes *Gaud et Fisch* _ Fig 19 20 Melania ? Hamiltoniana, *Forbes* _ Fig 21. 22 Melania _ Fig 23 24 Cerithium atticum, *Gaud et Fisch* _ Fig 25 Alasmodonta _ Fig 26 Anodonta

Les figures qui ne sont pas accompagnées d'une barre sont de grandeur naturelle

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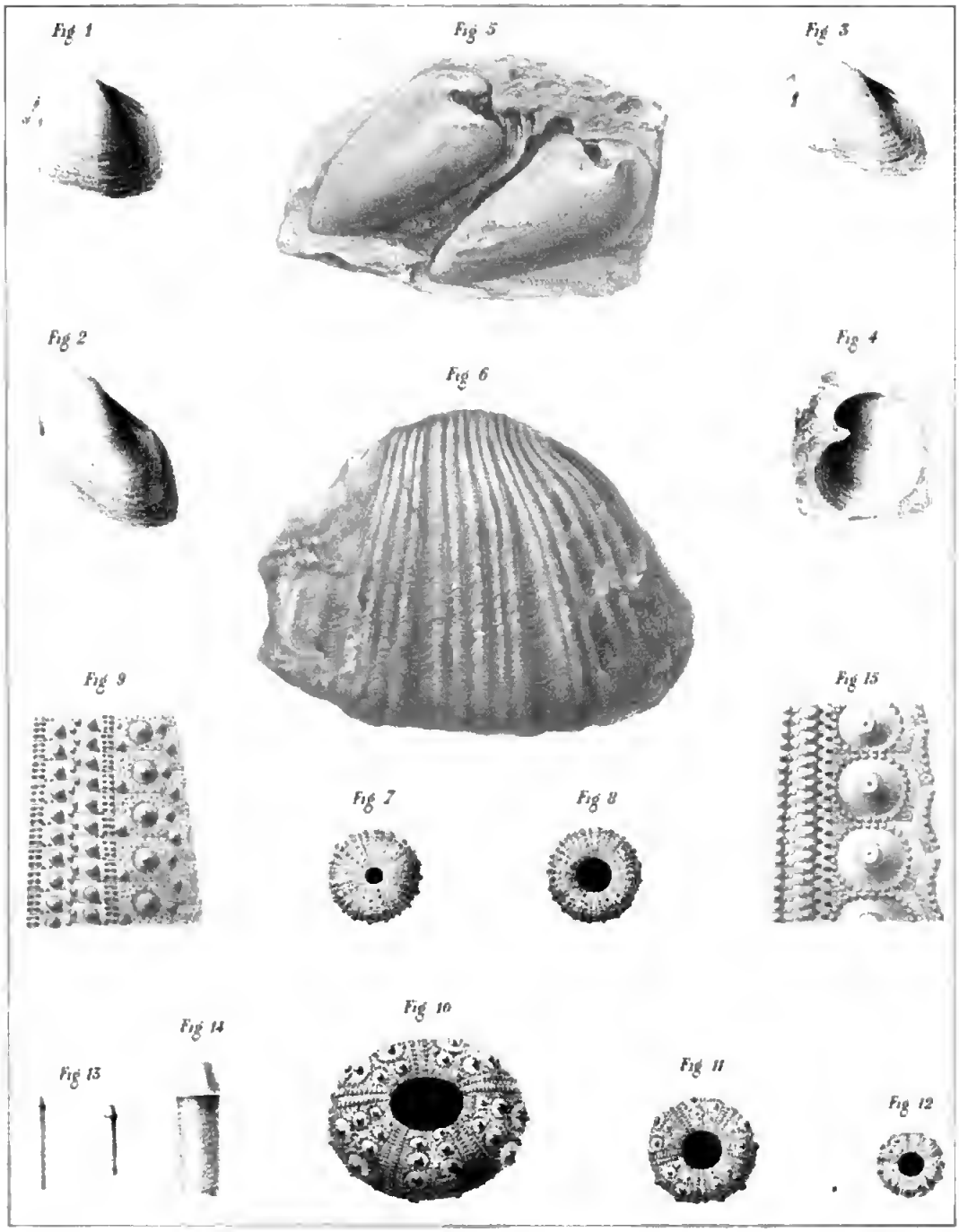

Fig 1_4 Unio atticus *Gaud et Fisch* _Fig 5 Unio _Fig 6 Janira productoides. *Gaud et Fisch* _
Fig 7.8 9 Psammechinus mirabilis, *Deser* (Variete) _Fig 10_15 Cidaris melitensis. *Wright*

La fig 9 est grossie 6 fois la fig 15 est grossie 4 fois la fig 14 est grossie 3 fois les autres figures sont de grandeur naturelle

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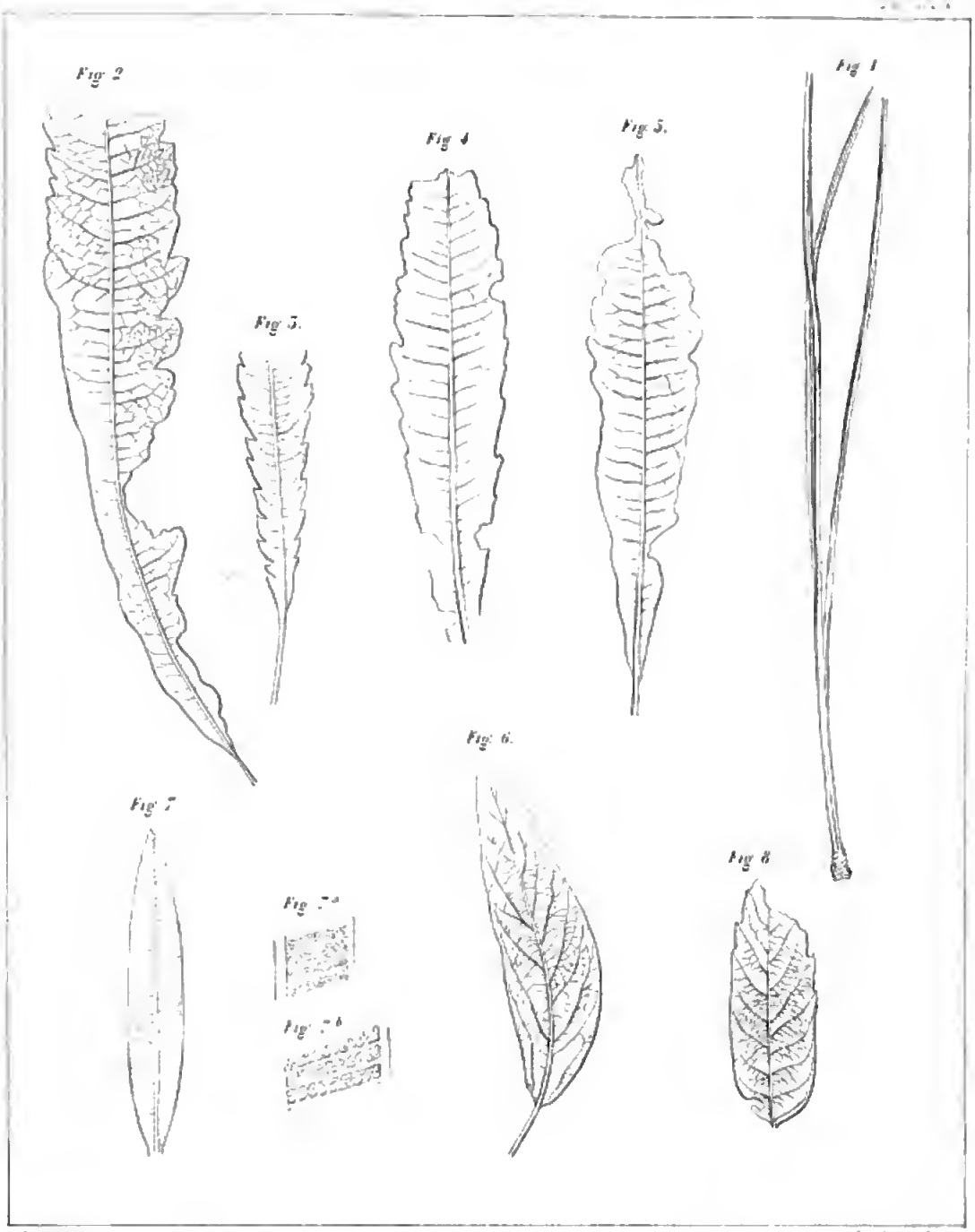

Fig. 1. Pinus hellenica, *Sap.*
Fig. 2, 3. Myrica Ungeri, *Heer*
Fig. 4, 5. Myrica Solonis Banksia Solonis, *Ung.*
Fig. 6. Daphnogene delphica, *Sap.*
Fig. 7, 7a, 7b. Nerium Gaudryanum, *A. Braun*
Fig. 8. Rhus cladendroides, *Ung.*

Grandeur naturelle sauf pour 7a et 7b qui sont un peu grossis.

Erhard sc. Imp Becquet Paris

Fig 1 et 2. Grevillea anisobba. *Sap.* Stenocarpites anisobus *A Brong.*
Fig 3 et 4. Grevillea obata? *Ferd Müll.* (*Moreton-bay*) *Herb Mus Par.*
Fig 5 et 7. Grevillea Sp? (Grevillea pulchella? *Meisn.*) *Moreton-bay* (*M Leichard 1865 Herb Mus Par.*)

Grandeur naturelle

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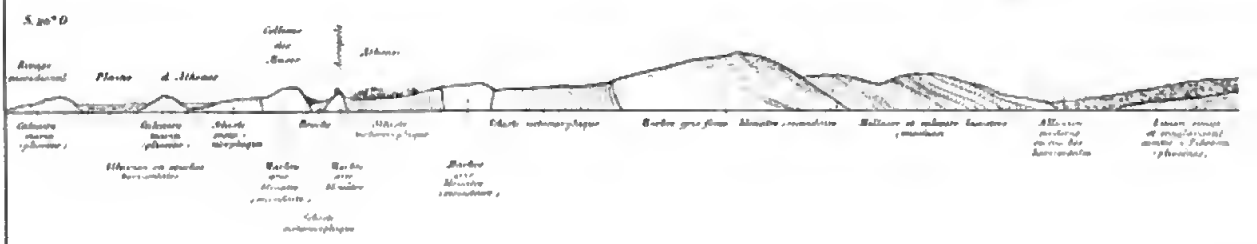
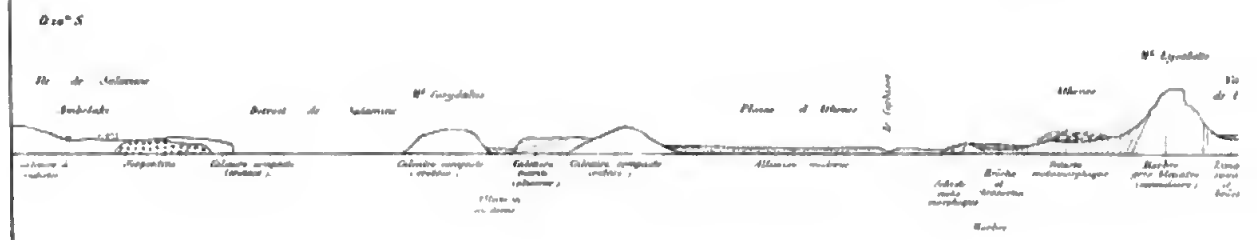
Fi

Coupe longitudinale de l'Attique, suivant



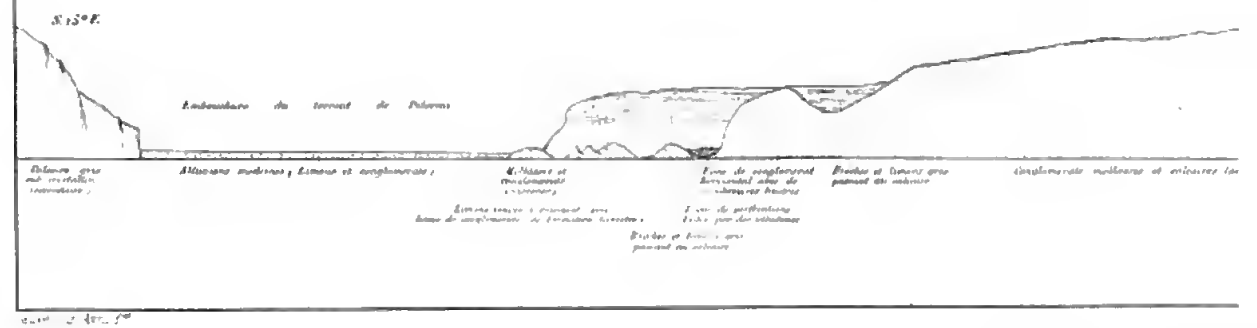
Fi

Coupe transversale de l'Attique, suivant une ligne



Fi

Vue des terrains qui bordent le rivage, près du poi



Disposition genera

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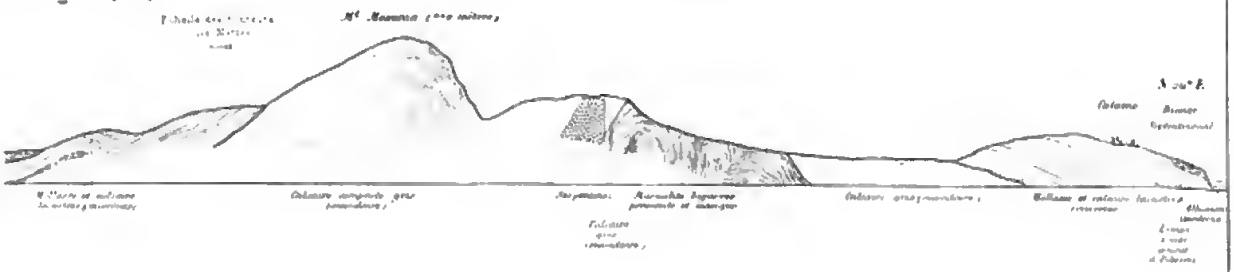
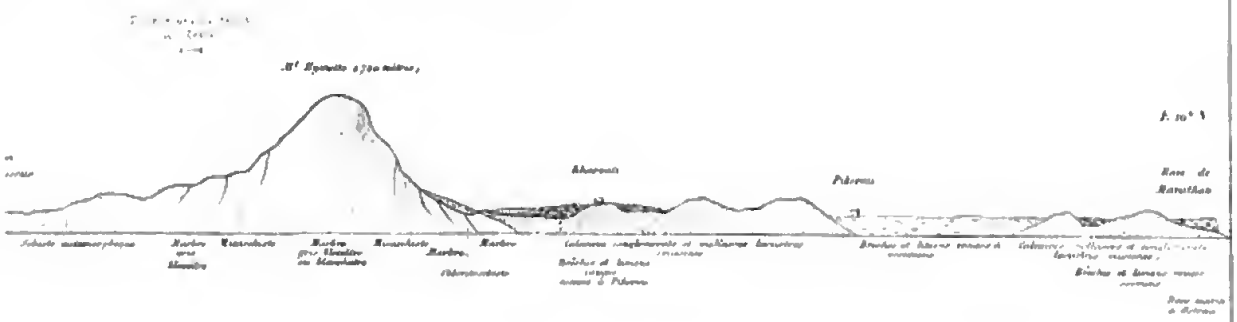
1

ne ligne qui passe par Athènes et Calamo



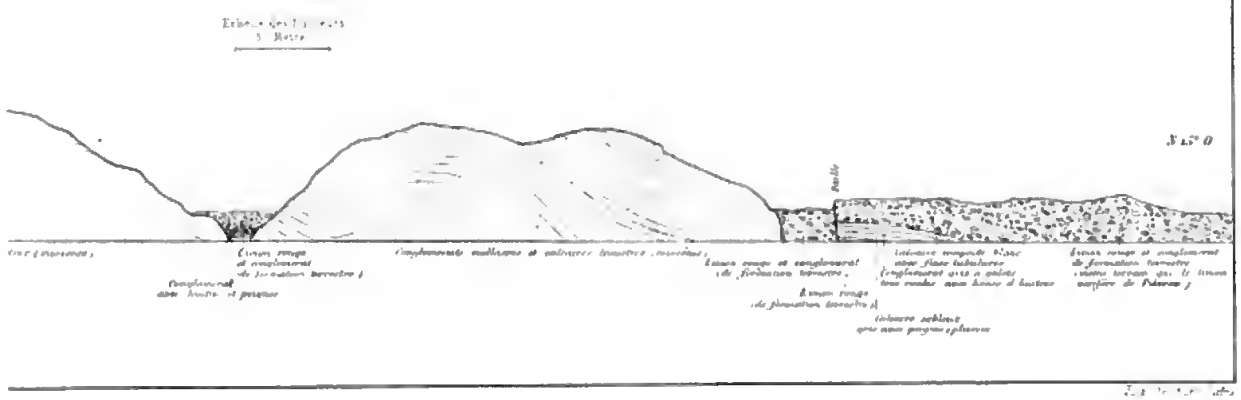
2

n passe par l'île de Salamine, Athènes et Pikermi



3.

t où le torrent de Pikermi débouche dans la mer



e des couches

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Fig 1
Coupe du sommet de l'Hymette à Léopesi

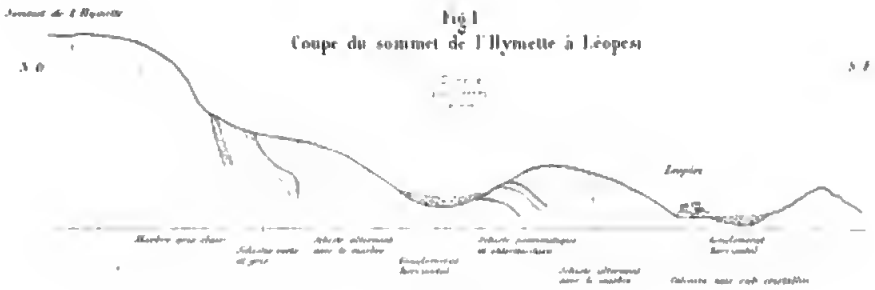

Fig 2
Coupe entre le sommet de l'Hymette et le Monastère de Kœsariani

Fig 3
Coupe de détail au sommet de l'Hymette (partie Nord)

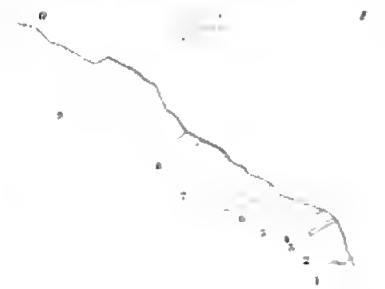

Fig 4
Coupe dans une carrière de marbre du Pentelique

Fig 5
Coupe à l'Ouest de Porto Therico

Métamorphismes régionaux

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Fig 1
Rive gauche du Cephisse entre Hiraeli et Patissa

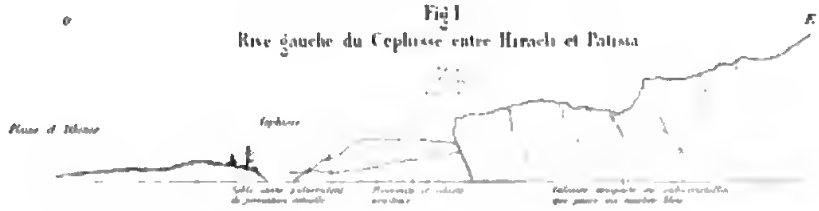


Fig 2.
Traversée du Mt Cytheron

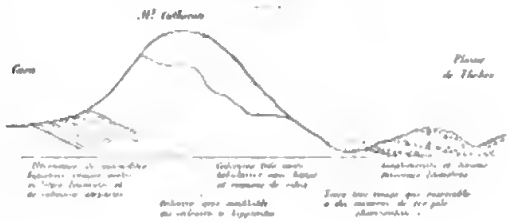


Fig 3
Ravin de Caprena, près de Livadie

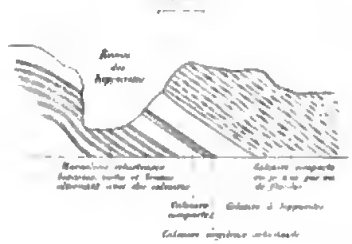


Fig 4
Coupe du Mt Parnasse et du vallon de Rhacova

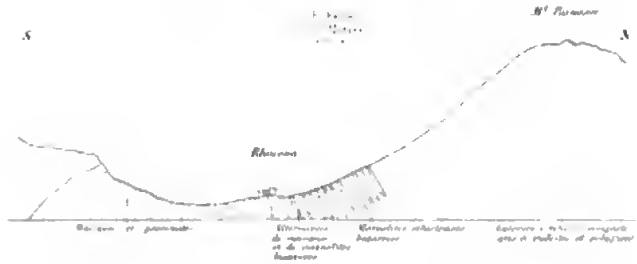


Fig 5
Coupe entre Daphne et la plaine d Athenes

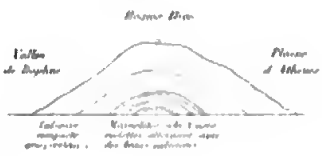
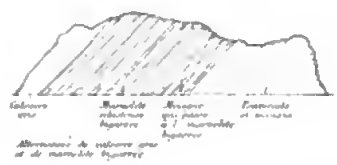


Fig 6
Coupe a Vlasi (Beotie)

Fig 7
Coupe prise près de Delphes



Etages des psammites, des marnolites bigarrées et des calcaires à rudistes

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Fig 1.

Coupe au Monastère de Phlé (*Mt Parnès*)

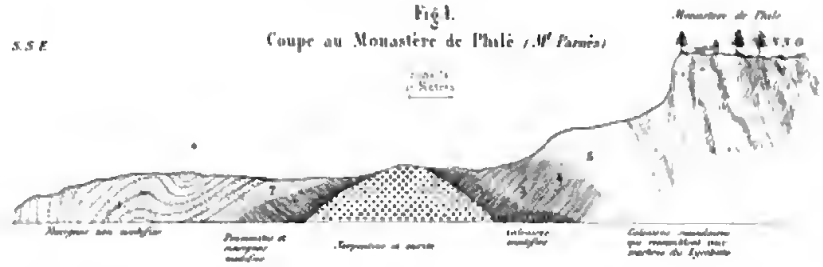


Fig 2.

Coupe dans les montagnes entre le fort de Phlé et Laatam.

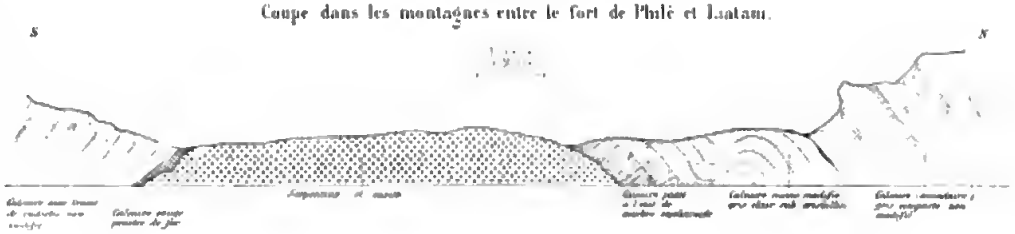


Fig 3

Coupe entre Hagios Mercourios et Tsiourea

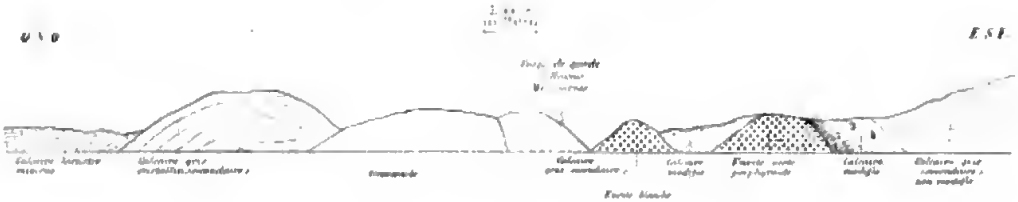


Fig 4

Coupe à 2 Kilom^es au Sud de Caco Stalesi (*Parnès*).

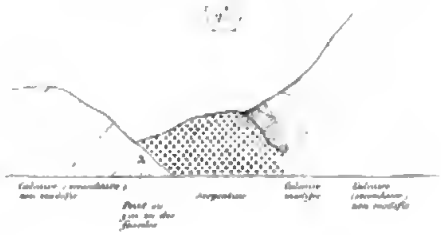
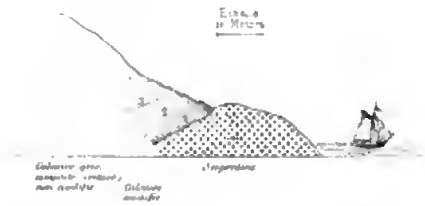


Fig 5.

Coupe à 3 Kilom^es au Sud de Kineta



Epanchements euritiques, serpentineux et métamorphismes de juxtaposition

Fig. 1.
Coupe à Tatoi dans le Parnès (Mt Oses)

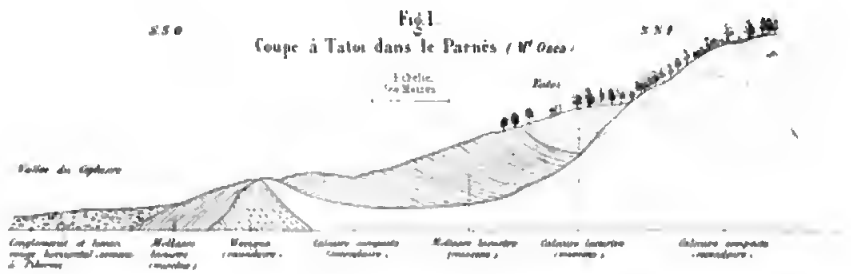


Fig. 2.
Coupe au bord du torrent de Pikermi à 1 kilomètre des maisons de la Metokhi

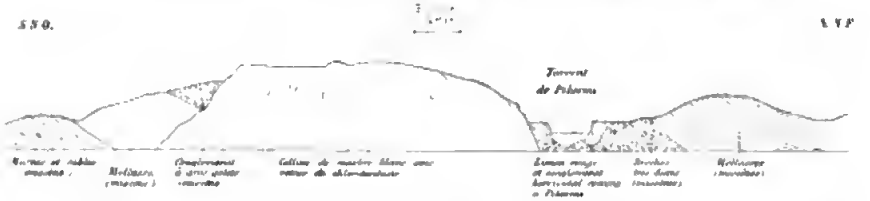


Fig. 3
Coupe de détail près de Pikermi

Fig. 4
Coupe de la falaise près de Raphina

Fig. 5
Coupe de détail à l'Est de Khaevati

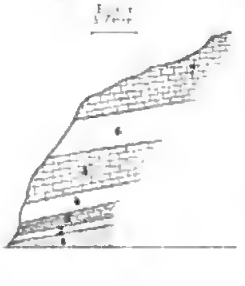
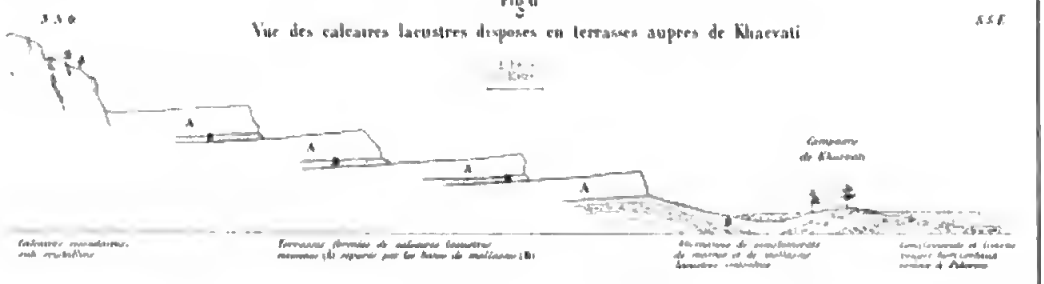


Fig. 6
Vue des calcaires lacustres disposés en terrasses auprès de Khaevati



Couches miocènes lacustres

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Fig 1
Vue du pays entre Calamo et Capandriti (Nord de l'Attique)

Fig 2
Coupe prise auprès du port de Calamo (Nord de l'Attique)

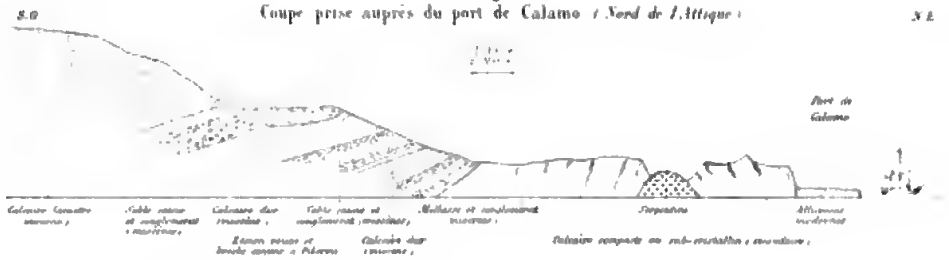


Fig 3.
Coupe prise auprès du village de Calamo

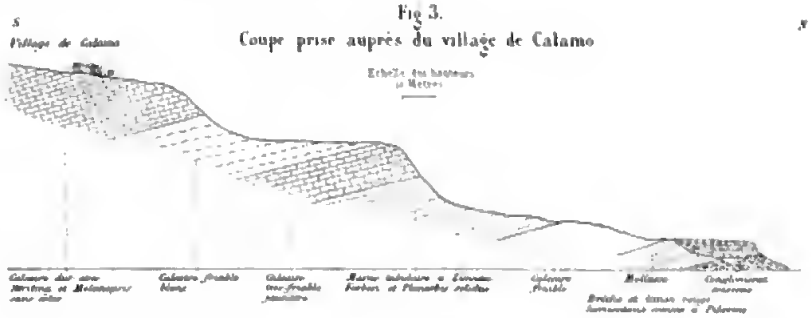


Fig 4
Coupe prise entre Calamo et le monastère de Mégalo Livado

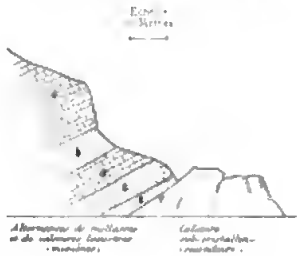


Fig. 5.
Coupe prise à environ 2 Kilom^tres au S.S.E de Calamo

Fig 6
Coupe prise auprès de Marcopoulo

Couches miocènes lacustres

Fig 1
Coupe à la mine d'Hagia Pigi près Marcopoulo

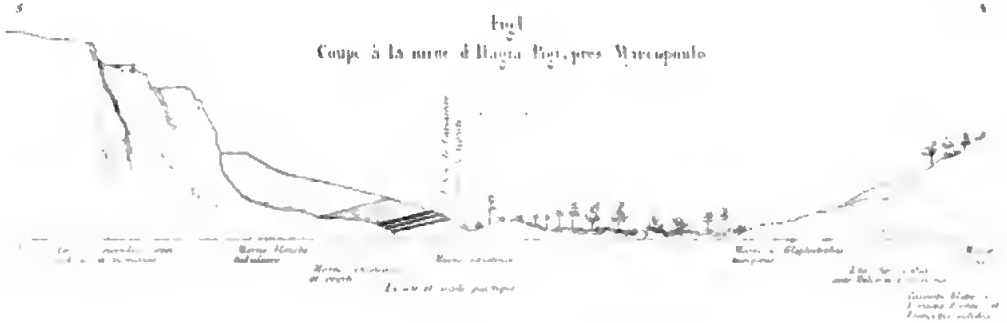


Fig 2.
Coupe à Aliki (Nord de l'Attique)

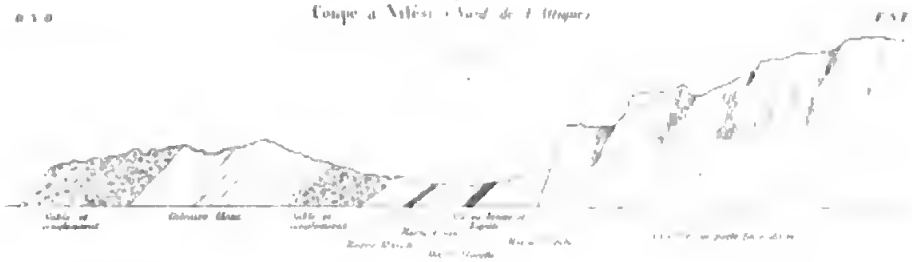
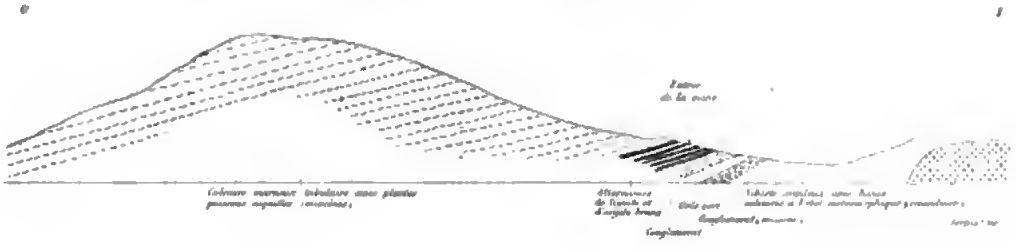
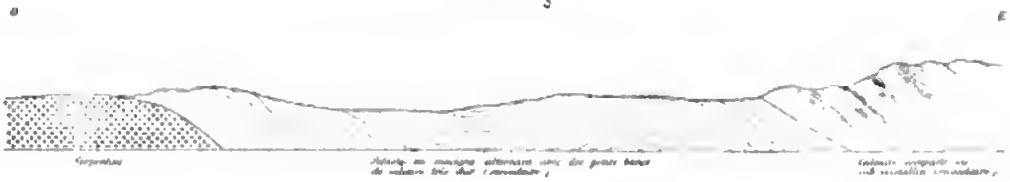


Fig 3
Coupe à la mine de lignite de Comni (Ile d'Eubée)



Suite de la Fig 3.



Gisemens de lignites miocènes

TERRAINS DE L'ATTIQUE DE LA MÉGARIDE ET DE LA CORINTHIE.

Pl. LXXII

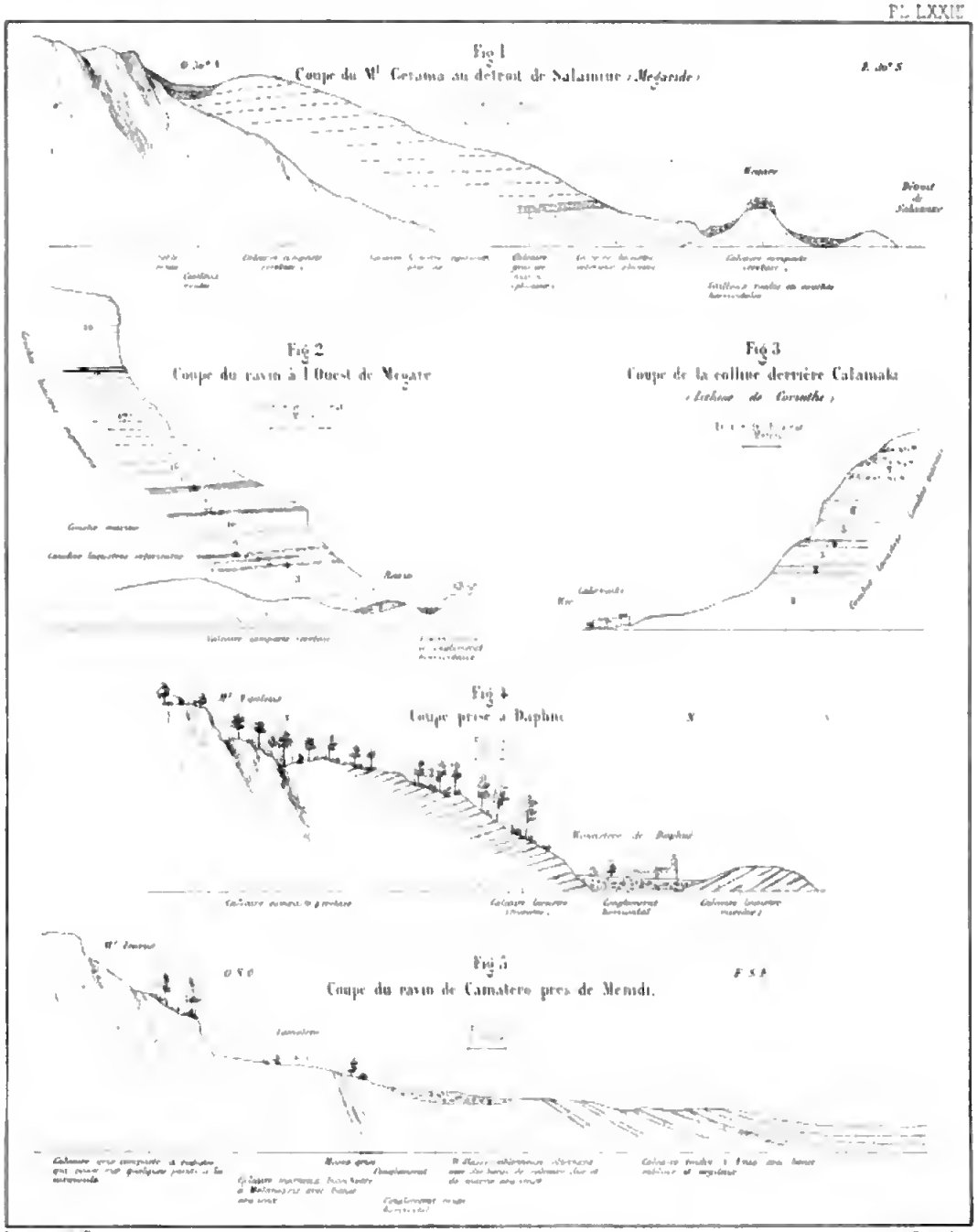
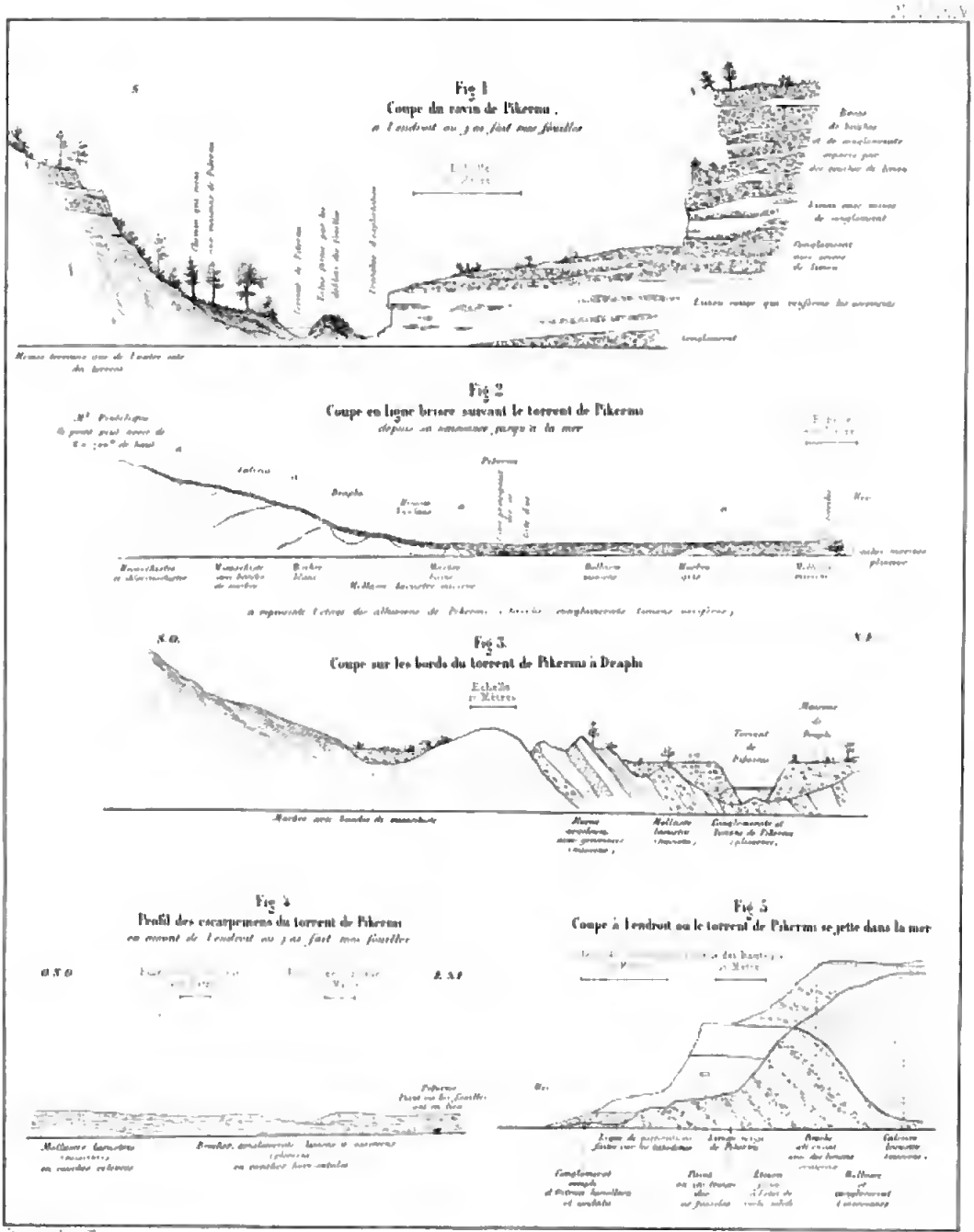
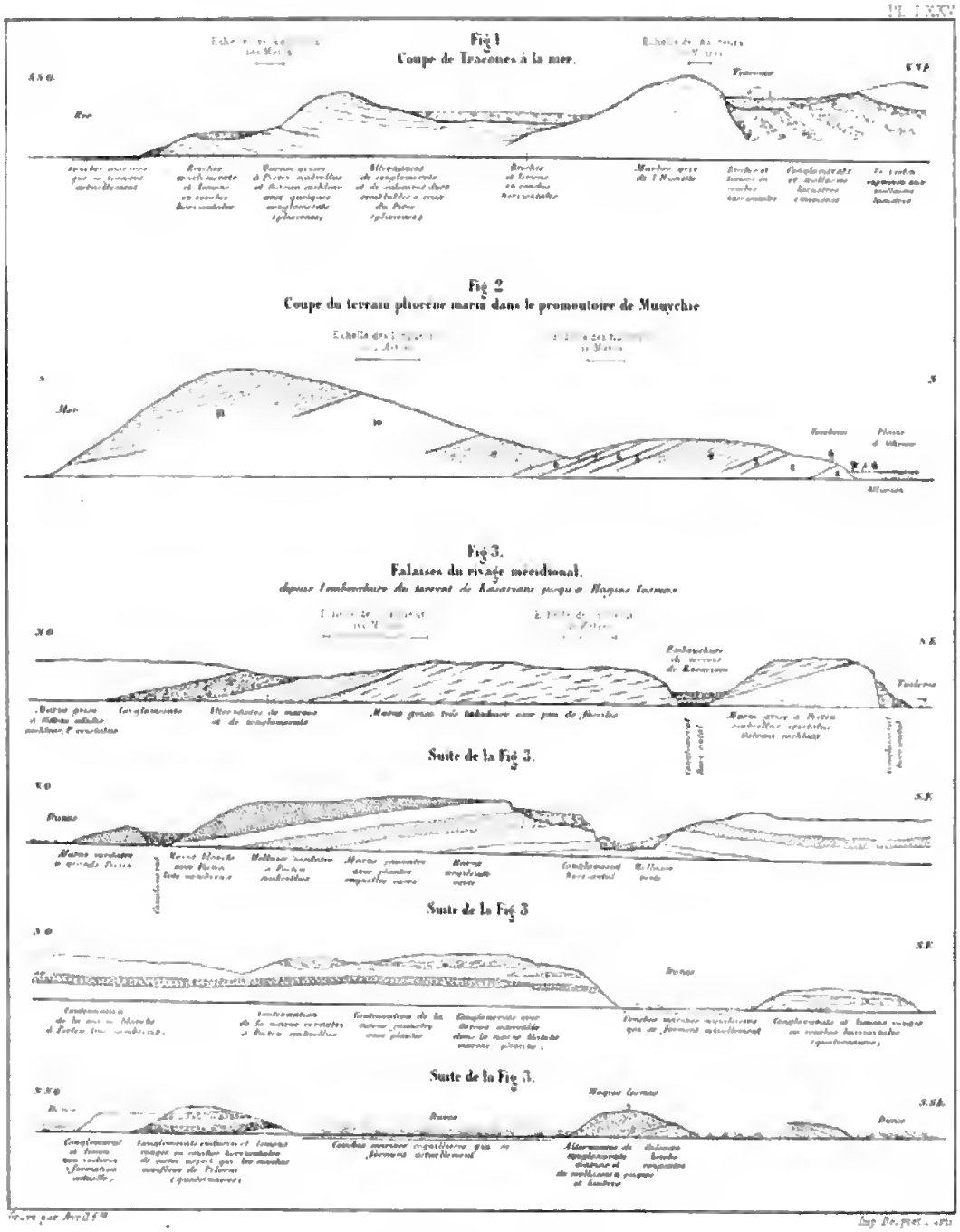


Fig 1 2 3 Couches pliocènes lacustres de la Megaride et de la Corinthie
Fig 4 5 — Couches pliocènes lacustres de l Attique



Couches à ossemens de Pikermi

(pliocene terrestre)



Couches pliocènes marines.

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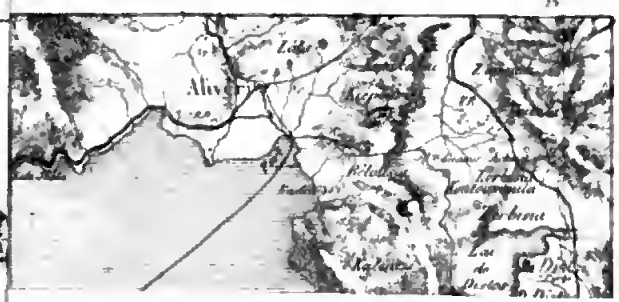
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